

PIACENTINI



A R M O R E D

D O O R S

2016



GENERAL CATALOG

We produce certified quality armored doors in a technologically organized company, managed with a system of shared rules with one goal: the satisfaction of our customer; the only certainty that can assure us a future.

Mimmo Piacentini

Dolmen pg. 10 - 243

Armored door with visible hinges, 7mm inner panel, finished with a small corner covering.

Dolmen CS pg. 244 - 261

Armored door with hidden hinges, 7mm inner panel, finished with an internal metal post covering.

LEVEL OF PANEL EXPOSURE LEGEND



INTERNAL PLACEMENT

closed environment



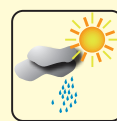
WELL SHELTERED EXTERNAL PLACEMENT

veranda of at least 3m



SHELTERED EXTERNAL PLACEMENT

small awning or balcony



EXTERNAL PLACEMENT

completely exposed

OTHER ICONS



We offer a 10 year guarantee



We offer a 5 year guarantee



We can stain the
doors with any Ral
color.





NEW New Item

ABBREVIATIONS INDEX finished handles

GCTOL	ghi.co.tec (Ghidini Coating Technology) polished brass
F4	anodized bronze
GCTCS	ghi.co.tec satin chrome
F1	anodized silver
F1-SAT	anodized satin silver
OLV	lacquered brass
OLS	satin brass
PVD	polished brass PVD (Physical Vapor Deposition)
OGV.....	aged lacquered brass
OCS.....	satin chrome brass
OCL	polished chrome brass

OTHER ABBREVIATIONS

P.F. Finished Floor


P.F.S. Finished Floor Threshold


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Piacentini Offices.



Salvagnini Automatic sheet metal line.



About Us



Mimmo Piacentini, Sole Administrator.



Gianluca Bascelli, head operator.



Alessio Di Profio, design.
Paola Peca e Federica Oliva, Order processing.
Oreste Luciano, Commercial coordinator.
Karina Tovar, Supplies.
Giulio Caracci, transportation.



Group of representatives and guests.



Certification of quality management system obtained on 16/12/1999.

Dear Customer,

We guarantee your order working within a company with a management system for quality based upon shared rules: the materials used, the completion of the steel frame, the wood panels, the finishing and packaging are all controlled.

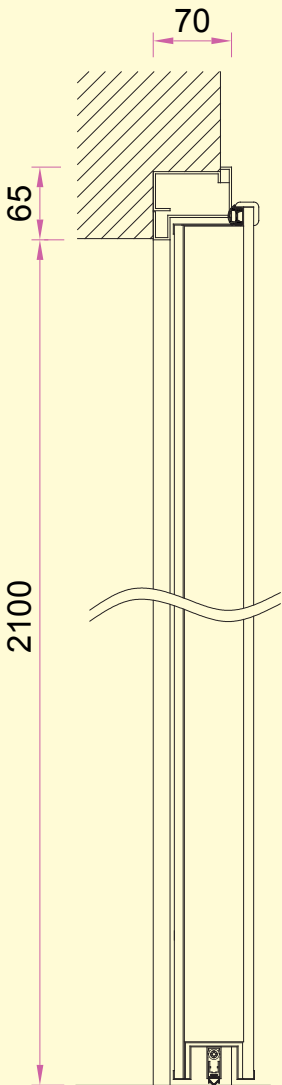
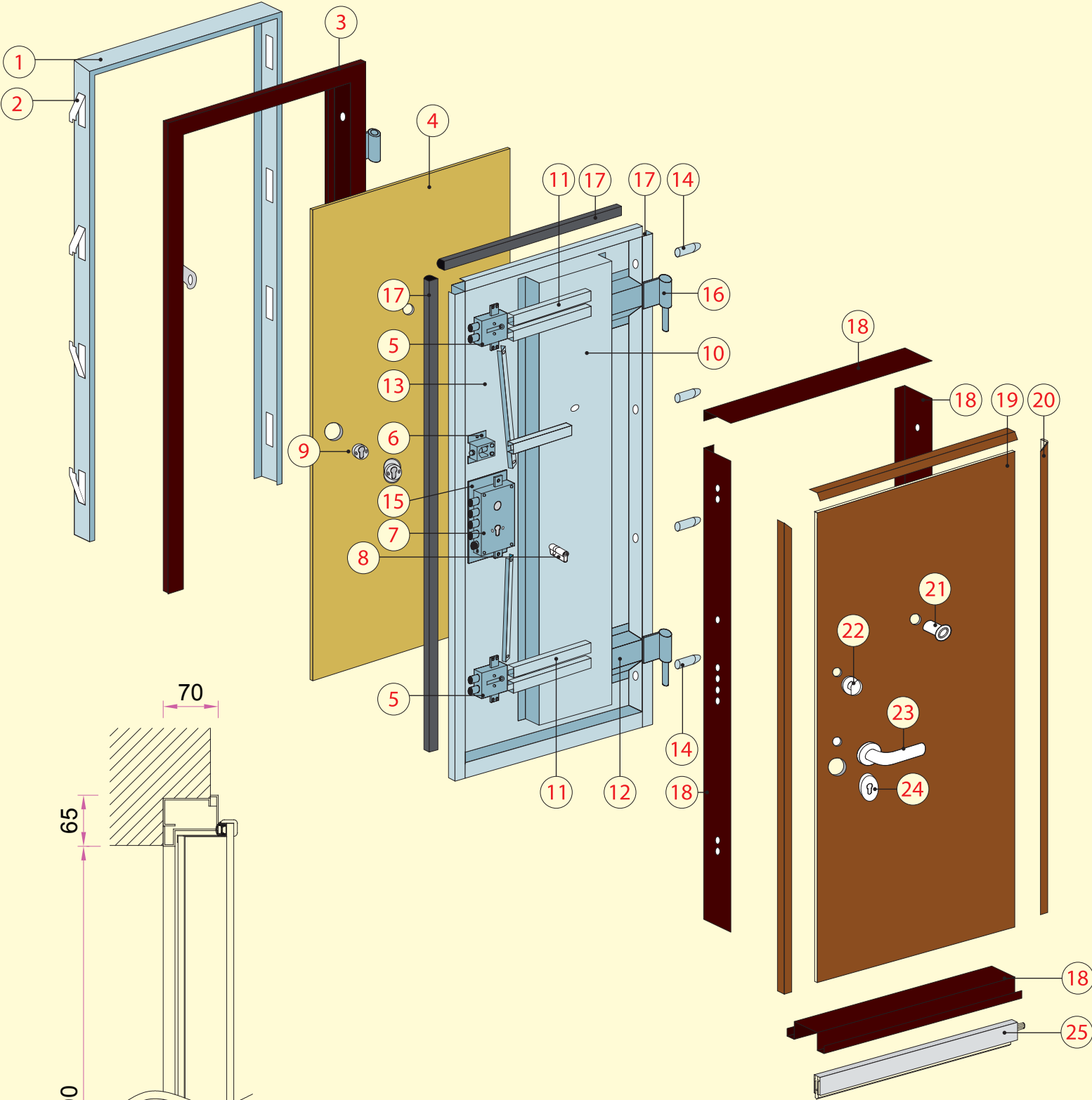
Every phase of processing is followed by a document which tracks by whom and when it is completed.

We guarantee that your product is transported directly to you, without making stops to other warehouses. This is guaranteed throughout Italy.

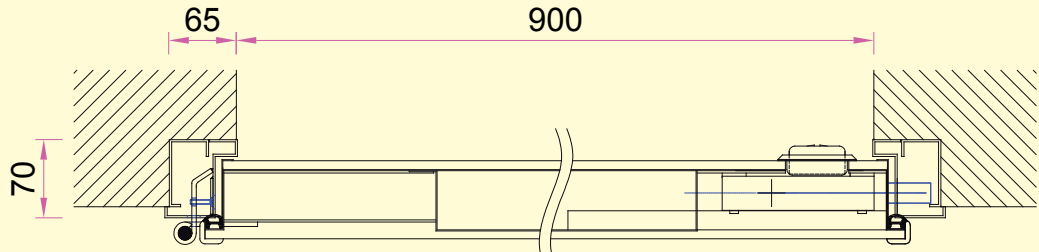
The phases of production of an armored door are many, and many different types of processes are used, for example the "steel-wood" process; however, in our company we operate based on the principle that: "all processes are only one job" with the goal to deliver a quality product which satisfies the expectations of our customer. For this reason everyone supervises, according to their own capacity and knowledge, until everything has ended well.

Armored Door Dolmen Model

EXPANDED VIEW

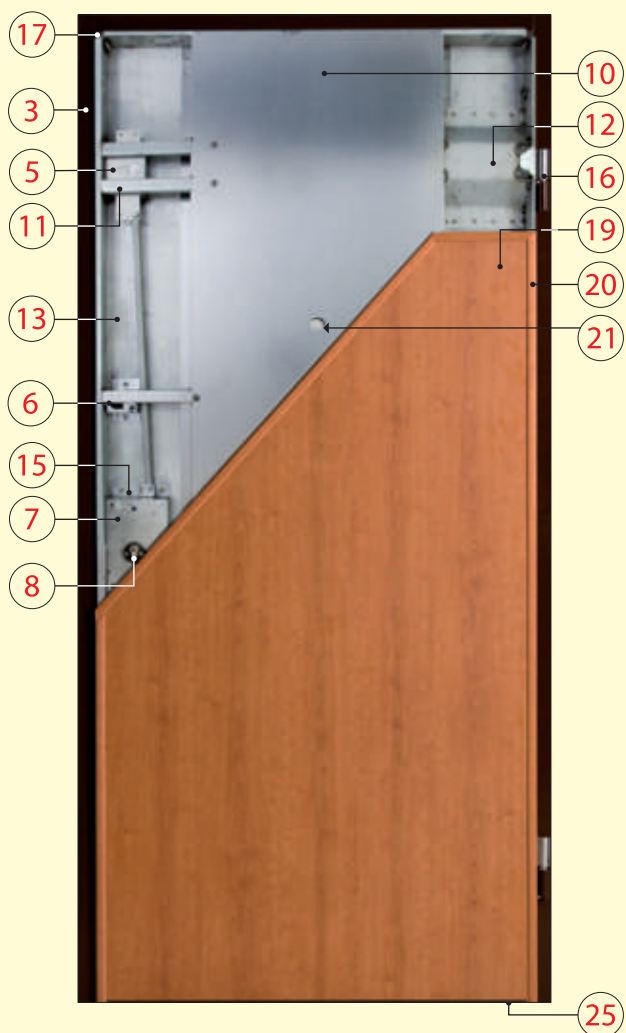


Vertical Section



Horizontal Section





Internal look at the Dolmen model

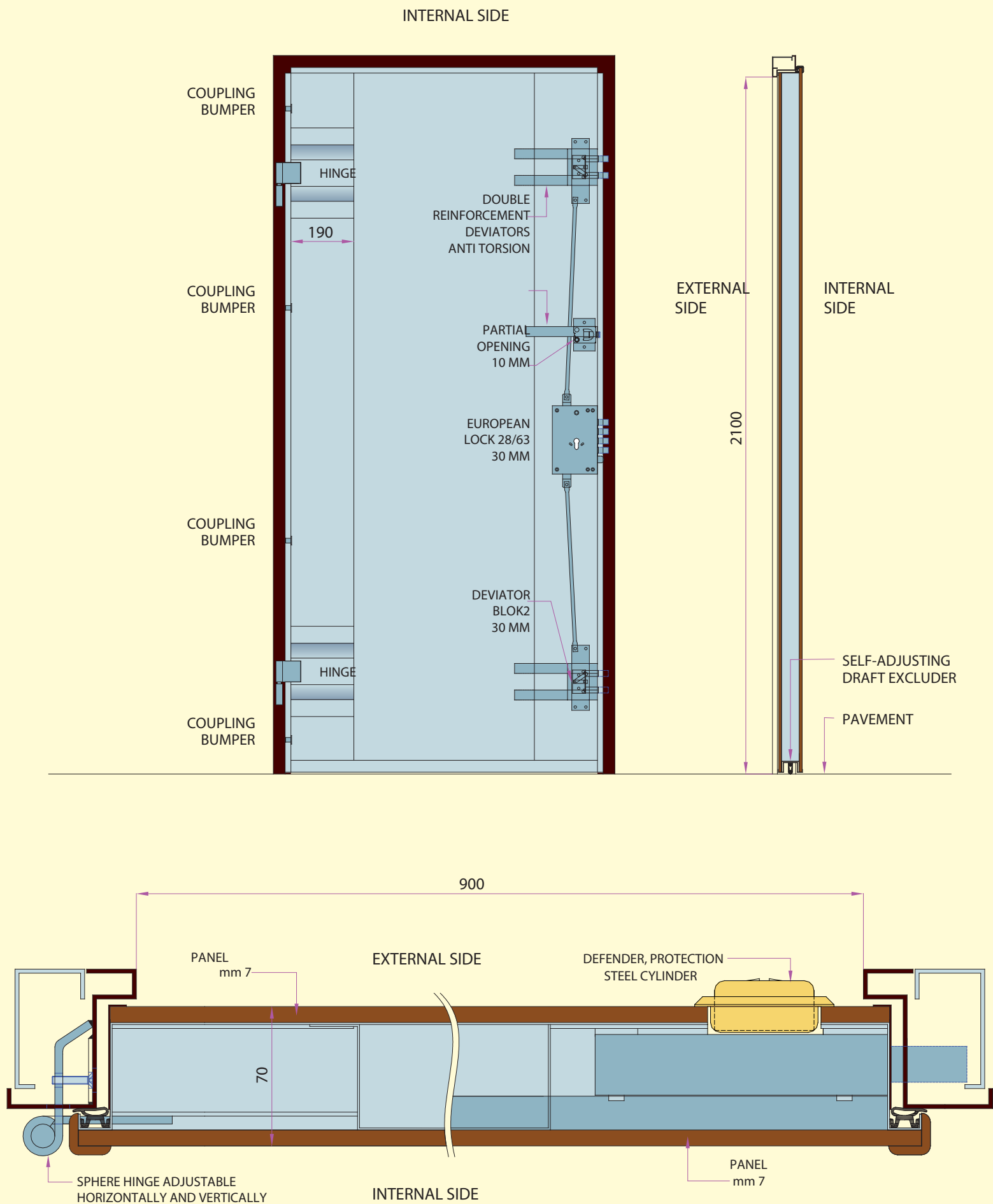


Welding of the door body.

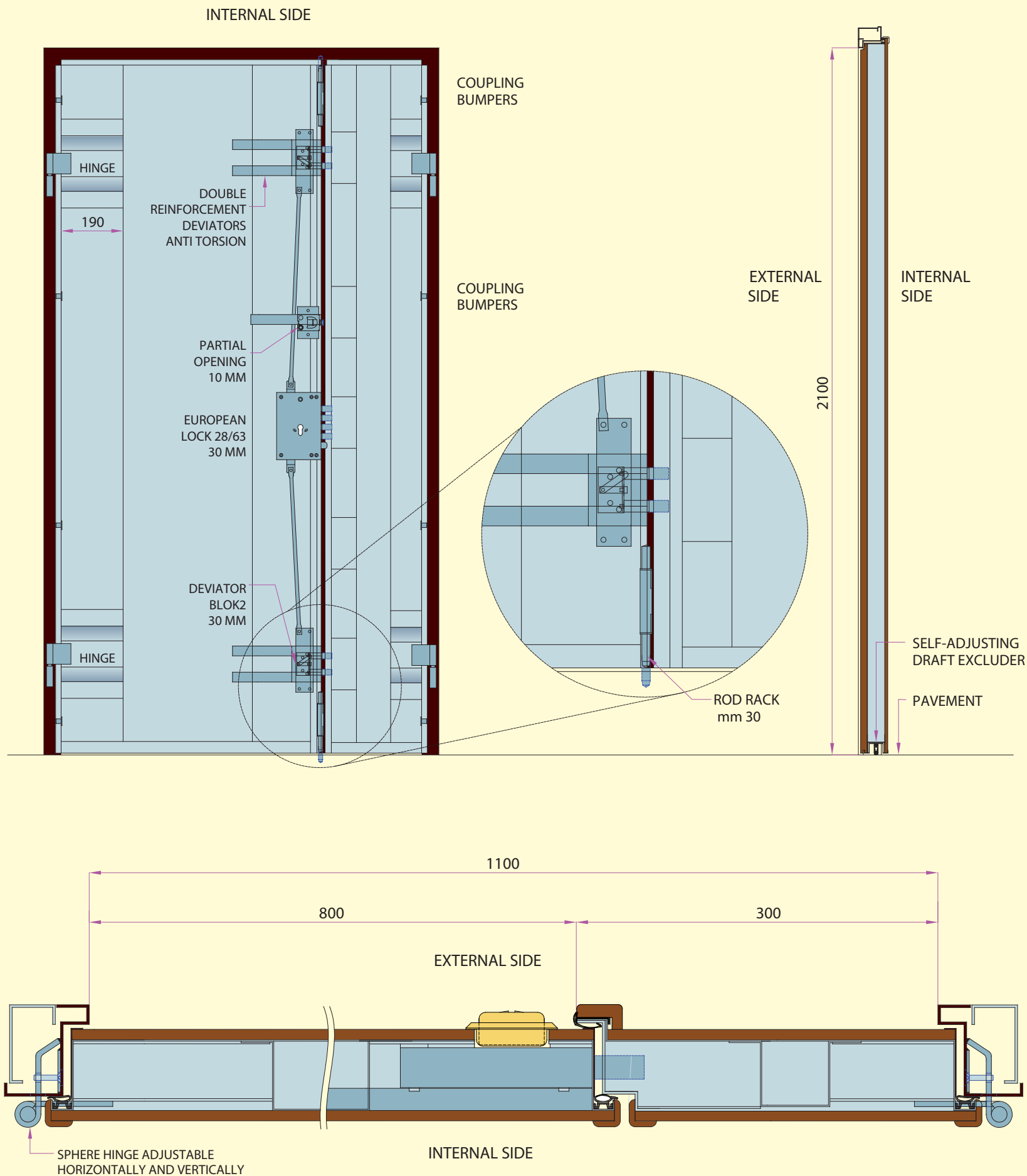
- 1 - Galvanized steel door frame with thickness 2 mm.
- 2 - Anchoring Clamps.
- 3 - Steel chassis with thickness 2 mm, varnished by flame RAL 8017 brown.
- 4 - External panel covering with thickness 7 mm.
- 5 - Double Pointsman Blok2 Ø 18 mm.
- 6 - Partial Opening.
- 7 - Bolted locks Ø 18 mm.
- 8 - Security Cylinder Anti-Drill.
- 9 - Defender, steel cylinder protection.
- 10 - Omega vertical and horizontal inner frame galvanized steel reinforcements with thickness 1 mm.
- 11 - Double reinforced pointsman, galvanazid steel thickness 2 mm.
- 12 - Omega galvanized steel horizontal reinforcement with thickness 2 mm.
- 13 - Body of the armored door in galvanized steel with thickness 1 mm.
- 14 - Coupling bumpers Ø 14 mm.
- 15 - Protective plate for the lock, galvanized steel thickness 2 mm.
- 16 - Horizontal and vertical adjustable sphere hinges.
- 17 - Tubular outer trim made of rubber (like a car) or also in PVC thickness 12 mm.
- 18 - Door frame external finish with thickness 0.8 mm in dark brown unvarnished sheets.
- 19 - Internal panel covering with thickness 7 mm.
- 20 - Internal wooden trim (available also in dark brown unvarnished strips).
- 21 - Panoramic magic eye spy-hole (180°).
- 22 - Knob for partial opening.
- 23 - Handle.
- 24 - Key hole covering Yale.
- 25 - Self-Adjusting draft excluder.

Armored Door Dolmen Model

ARMORED DOOR ONE LEAF



ARMORED DOOR TWO LEAVES



Product Certification

The armored door model Dolmen is certified anti-burglary and has undergone the tests required by the european directive 89/106 CEE relative to the **CE** marking, the **CE** declaration of system conformity Uni-En 14351-1 including:



ITC-CNR from Milan



Consorzio Legnolegno from Correggio (Re).



Anti-burglary: manual attack test.



Anti-burglary: static shock test.



Acoustic isolation test.



Tests: air permeability; holding water; wind resistance.



DOLMEN MODEL CERTIFICATION CHART

NORMATIVE SUMMARY:

EUROPEAN DIRECTIVE 89/106 CEE RELATIVE TO THE **CE** MARKING
Establishes that all products placed on the European market must be **CE** marked.

CE DECLARATION OF SYSTEM CONFORMITY UNI-EN 14351-1

It is the norm for the product of **CE** marking of the external fixtures.

TESTIMONIAL SYSTEM CONFORMITY 3

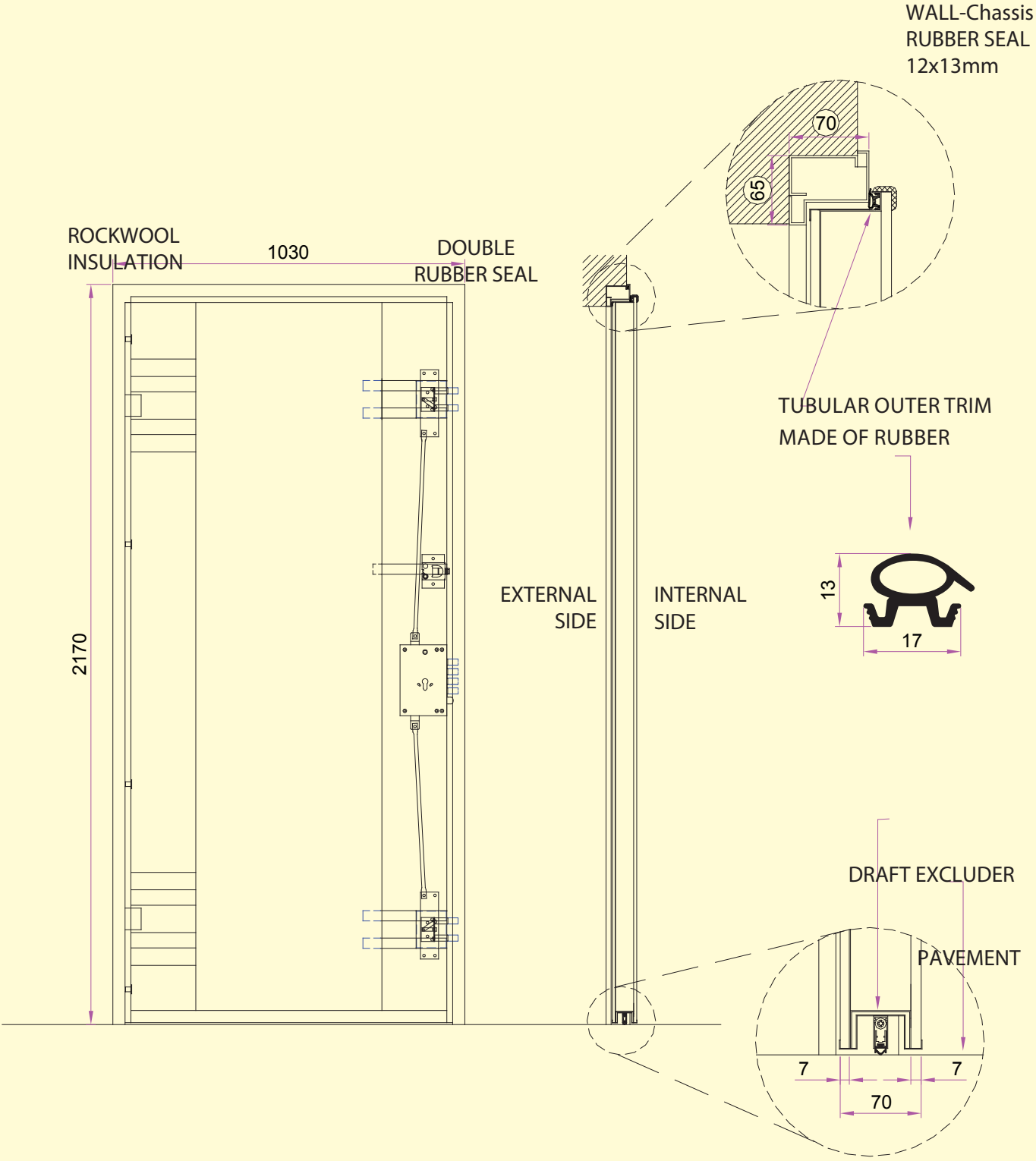
Provides that the producer follows the initial tests, for example in a notified laboratory, (see next page) and controls the production with established rules.

Armored doors submitted to tests such as	Anti-burglary	Air permeability	Holding water	Wind resistance	Thermal transfer	Acoustic isolation
	norm reference:	norm reference:	norm reference:	norm reference:	norm reference:	norm reference:
	Uni En 1627 - 1630	Uni En 12207 Uni En 1026	Uni En 12208 Uni En 1027	Uni En 12210 Uni En 12211	Uni En 10077/1-2 D.lgs 311/2006	Uni En Iso 140/3 En Iso 717-1
	classifications:	classifications:	classifications:	classifications:	classifications:	classifications:
	min 1 max 6	min 1 max 4	min 1A max 9A	min A1 max C5	The lower the value, the higher the power of the thermal isolation	The higher the value, the higher the power of the acoustic isolation
Results from base tests on the blind armored doors Dolmen model single leaf and double leaf net light between 143x246 cm	class 3	class 1	NPD*	class C5	2,44 w/m ² k	31 dB
Results from tests with thermo-acoustic kit on armored doors Dolmen model single leaf with net light between 115x230 (thermo-acoustic kit composed of rockwool insulation, double rubber seal and wall-chassis rubber seal)	class 3	class 2	NPD*	class C5	1,49 w/m ² k	45 dB
Results from tests with water kit on blind armored doors Dolmen model single leaf net light between 115x230 cm (water kit consists of closing door against aluminum bar, rockwool insulation, double rubber seal and wall-chassis rubber seal)	class 3	class 2	class 3A	class C5	1,49 w/m ² k	45 dB

NOTE:

* NPD =No Performance Declared.

DOLMEN MODEL with thermo-acoustic kit and test results



Test results on Dolmen model with thermo-acoustic kit (composed of rockwool insulation, double rubber seal and wall-chassis rubber seal) on blind armored door single leaf with net light between 115x230 cm:

Anti-Burglary: Uni En 1627-30, testing method and classification	class 3
Air permeability: Uni En 1026 testing method, Uni En 12207 classification	class 2
Water Holding: Uni En 1027 testing method, Uni En 12208 classification	class NPD*
Wind Resistance: Uni En 12211 testing method, Uni En 12210 classification	class C5
Thermal transfer: Uni En Iso 10077/1-2 testing method, results	Ud = 1,49 W/m²K
Acoustic isolation: Uni En Iso 140/3 testing method, En Iso 717-1, results	Rw 45 dB



NOTE:
* NPD = No Performance Declared.



Anti-Burglary class 3.



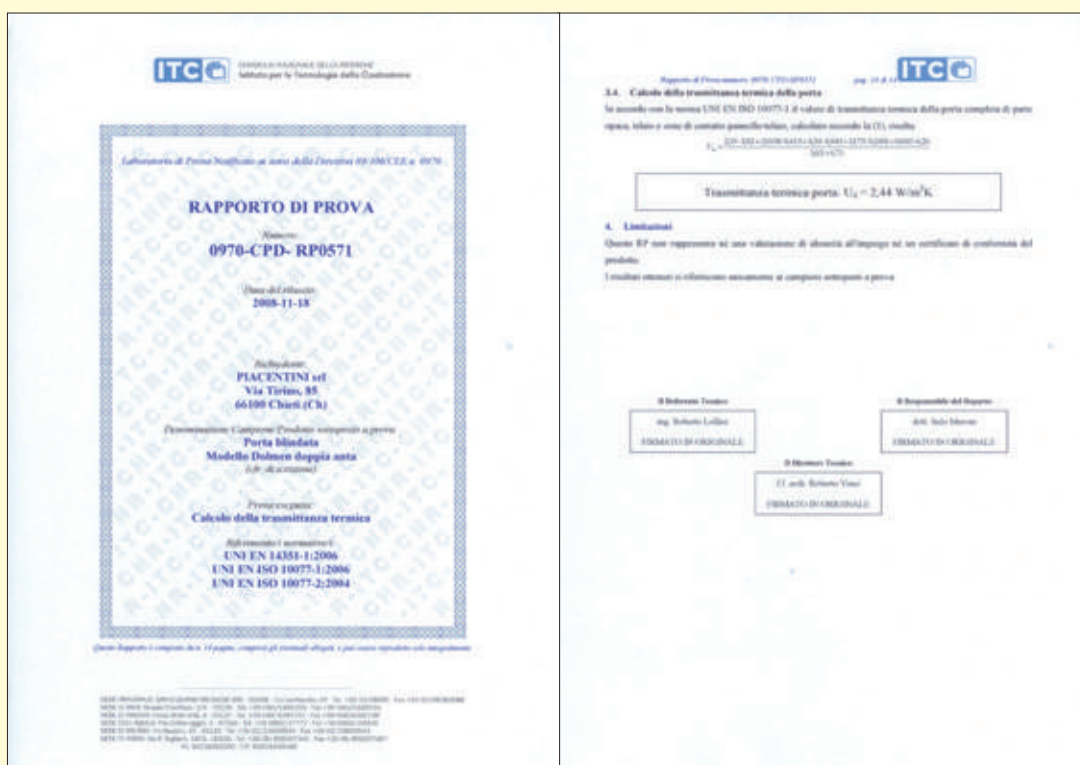
Air permeability class 2.



Wind Resistance class C5.



Acoustic isolation Rw 45 dB.



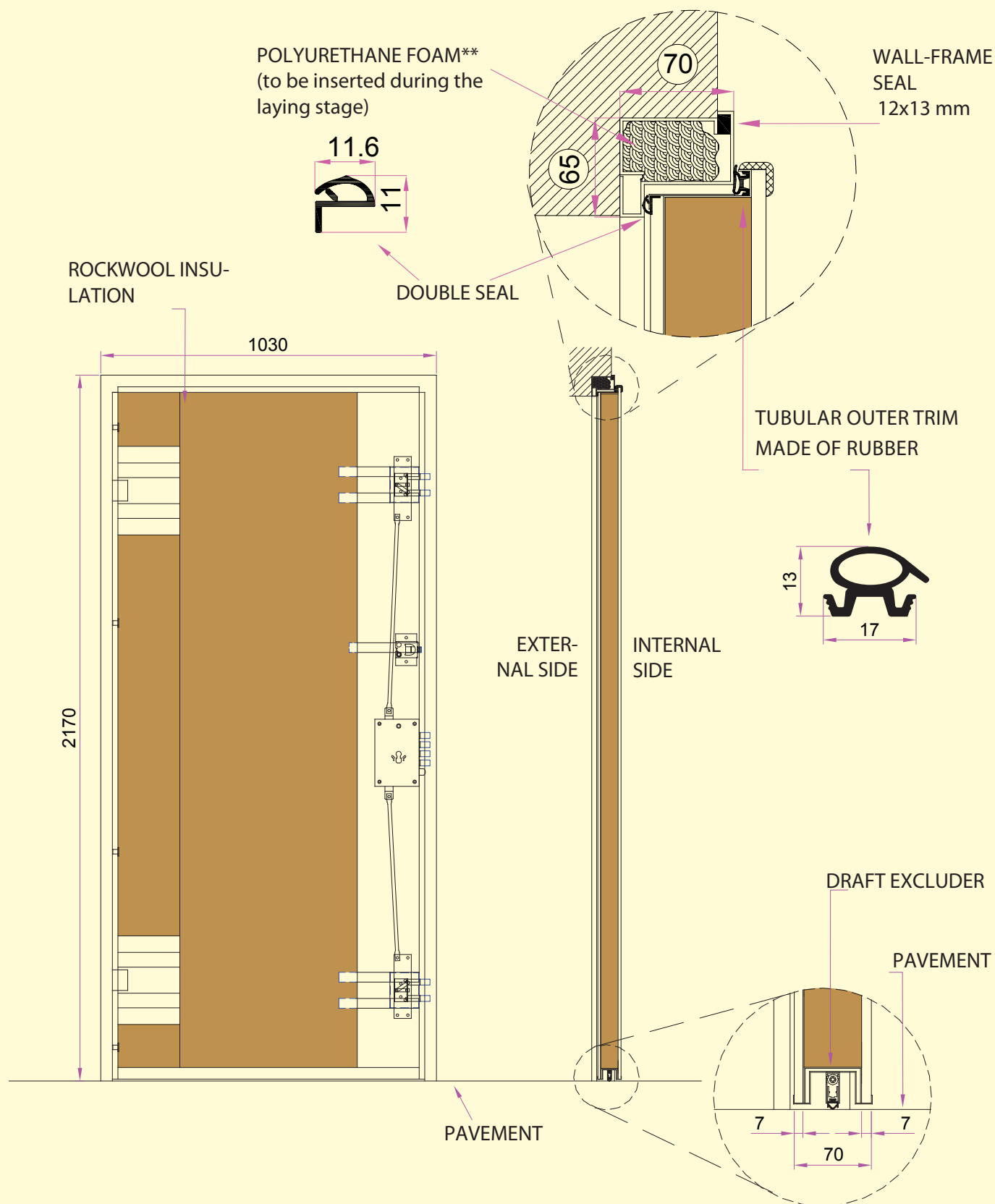
Thermal transfer 1,49 W/m²K.



CE Markings

Product Certification

DOLMEN MODEL *with water kit* and test results



Test results on Dolmen model *with thermo-acoustic kit* (composed of rockwool insulation, double rubber seal and wall-chassis rubber seal) on blind armored door single leaf with net light between 115x230 cm:

Anti-Burglary: Uni En 1627-30, testing method and classification class 3
 Air permeability: Uni En 1026 testing method, Uni En 12207 classification class 2
 Water Holding: Uni En 1027 testing method, Uni En 12208 classification class NPD*
 Wind Resistance: Uni En 12211 testing method, Uni En 12210 classification class C5
 Thermal transfer: Uni En Iso 10077/1-2 testing method, results $U_d = 1,49 \text{ W/m}^2\text{K}$
 Acoustic isolation: Uni En Iso 140/3 testing method, En Iso 717-1, results $R_w 45 \text{ dB}$





Anti-Burglary class 3.



Air permeability class 2.



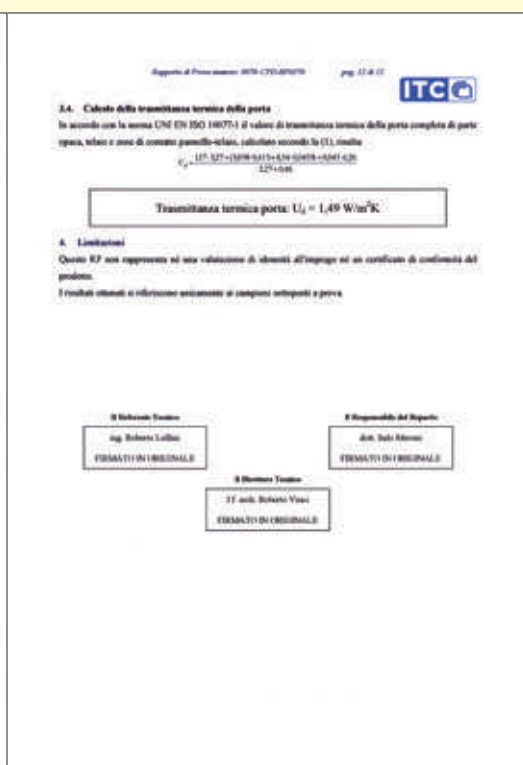
Wind Resistance class C5.



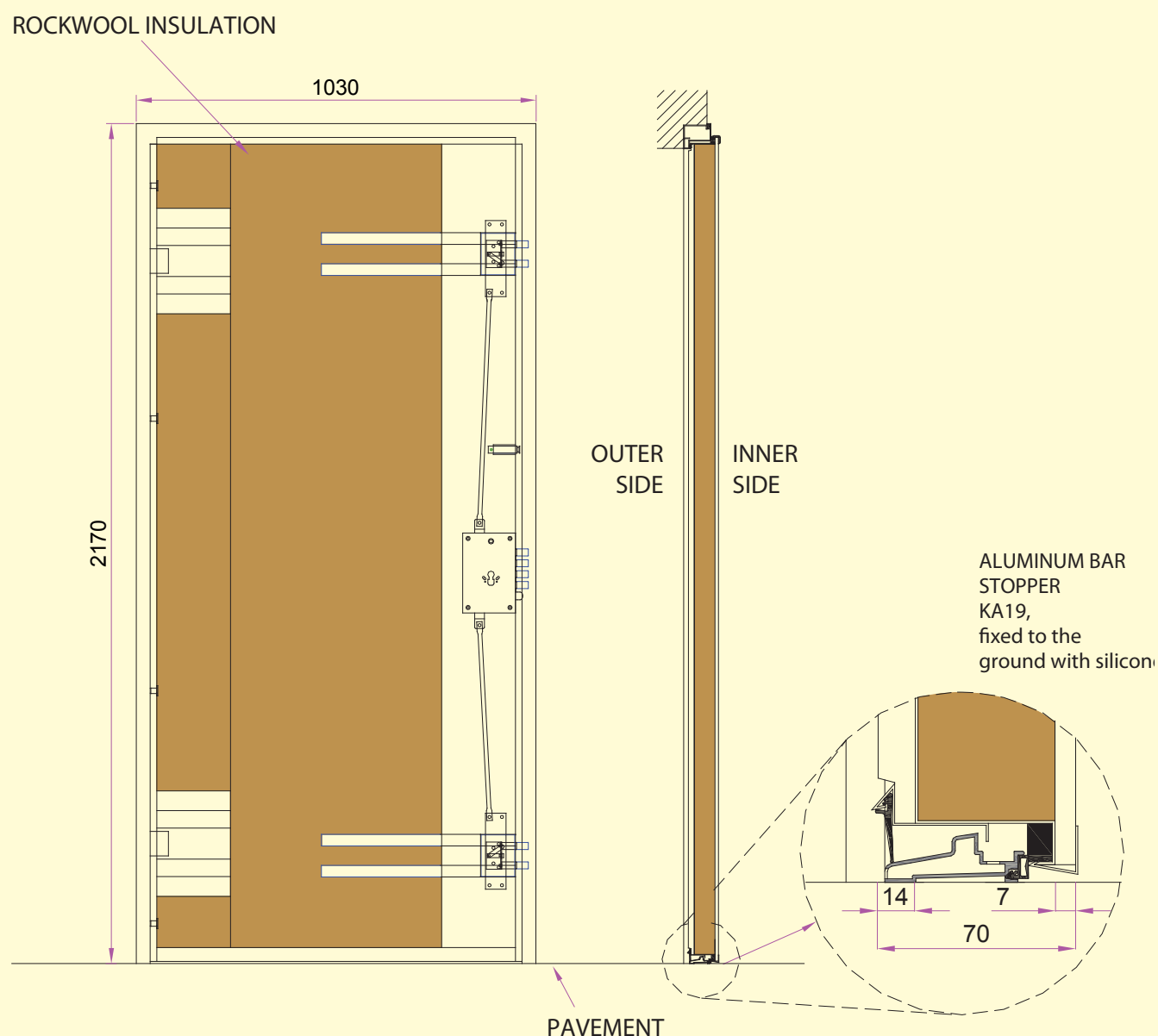
Acoustic isolation Rw 45 dB.



Thermal transfer 1,49 W/m²K.



CE Markings



Risultato prove tipo su modello Dolmen con kit acqua (composto da battuta in alluminio KA19, coibentazione lana di roccia, doppia guarnizione e guarnizione telaio-muro) su porta blindata cieca una anta con luce netta entro cm 115x230:

Antieffrazione: Uni En 1627-30, metodo di prova e classificazione classe 3
 Permeabilità all'aria: Uni En 1026 metodo di prova, Uni En 12207 classificazione classe 2
 Tenuta all'acqua: Uni En 1027 metodo di prova, Uni En 12208 classificazione classe 3A
 Resistenza al vento: Uni En 12211 metodo di prova, Uni En 12210 classificazione classe C5
 Trasmittanza termica: Uni En Iso 10077/1-2 metodo di prova, risultato $U_d = 1,49 \text{ W/m}^2\text{K}$
 Isolamento acustico: Uni En Iso 140/3 metodo di prova, En Iso 717-1, risultato $R_w 45 \text{ dB}$





Anti-Burglary class 3.



Air permeability class 2 and water resistance class 3A.



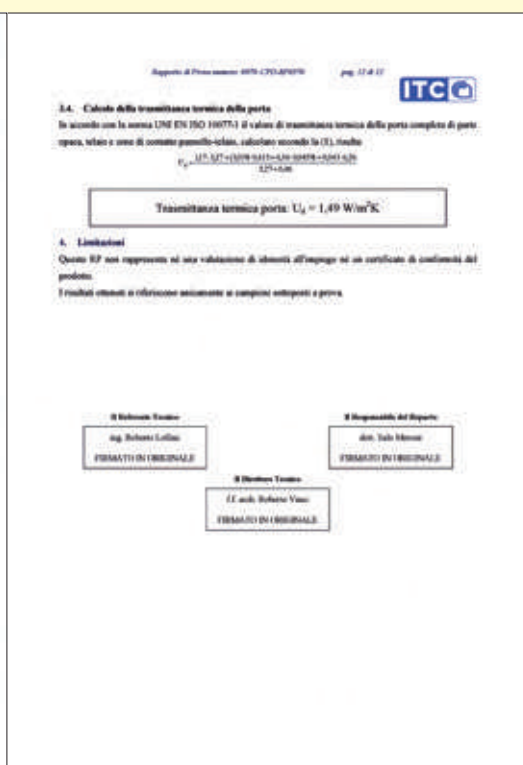
Wind Resistance class C5.



Acoustic isolation Rw 45 dB.



Thermal transfer 1,49 W/m²K.



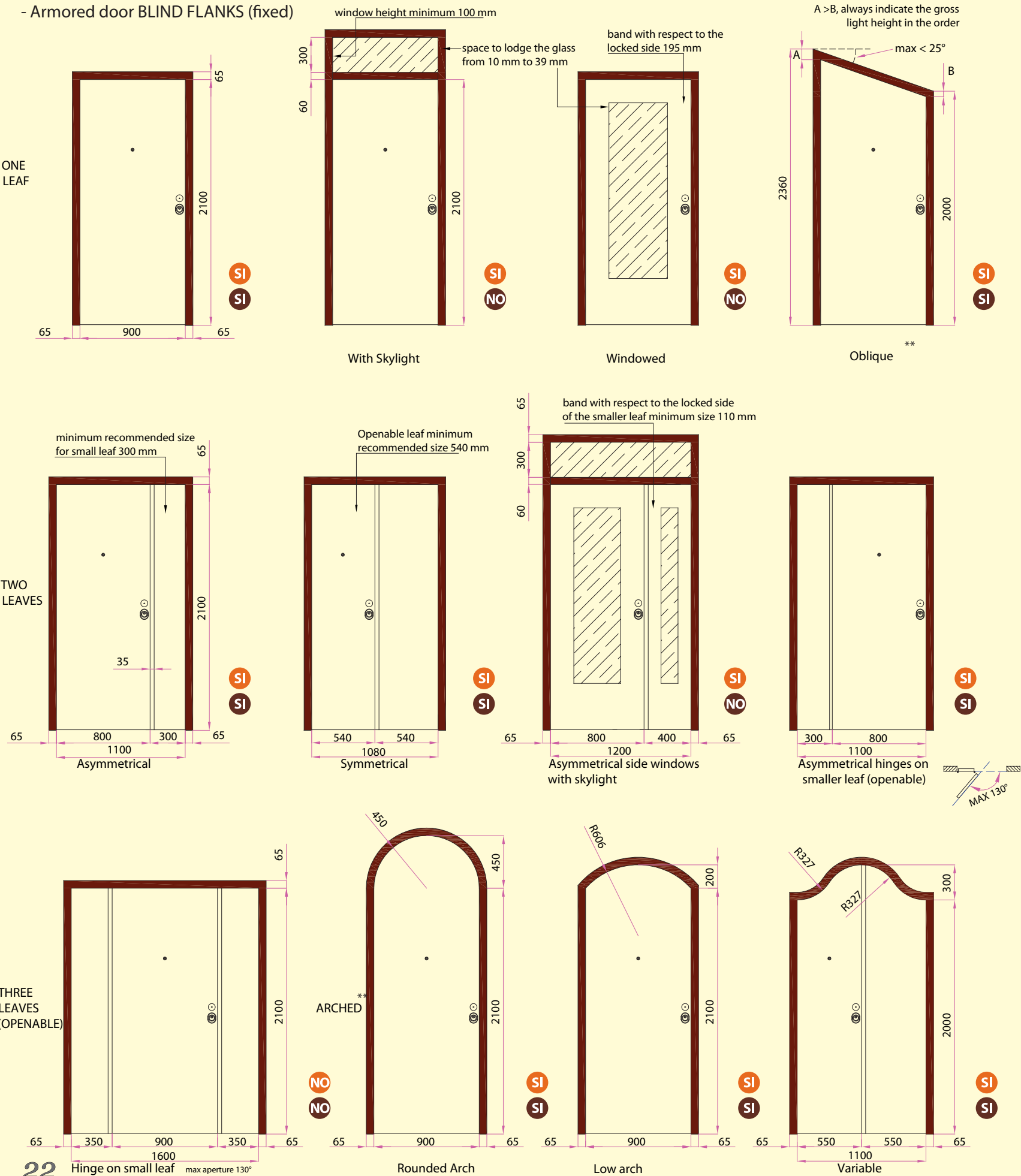
CE marking

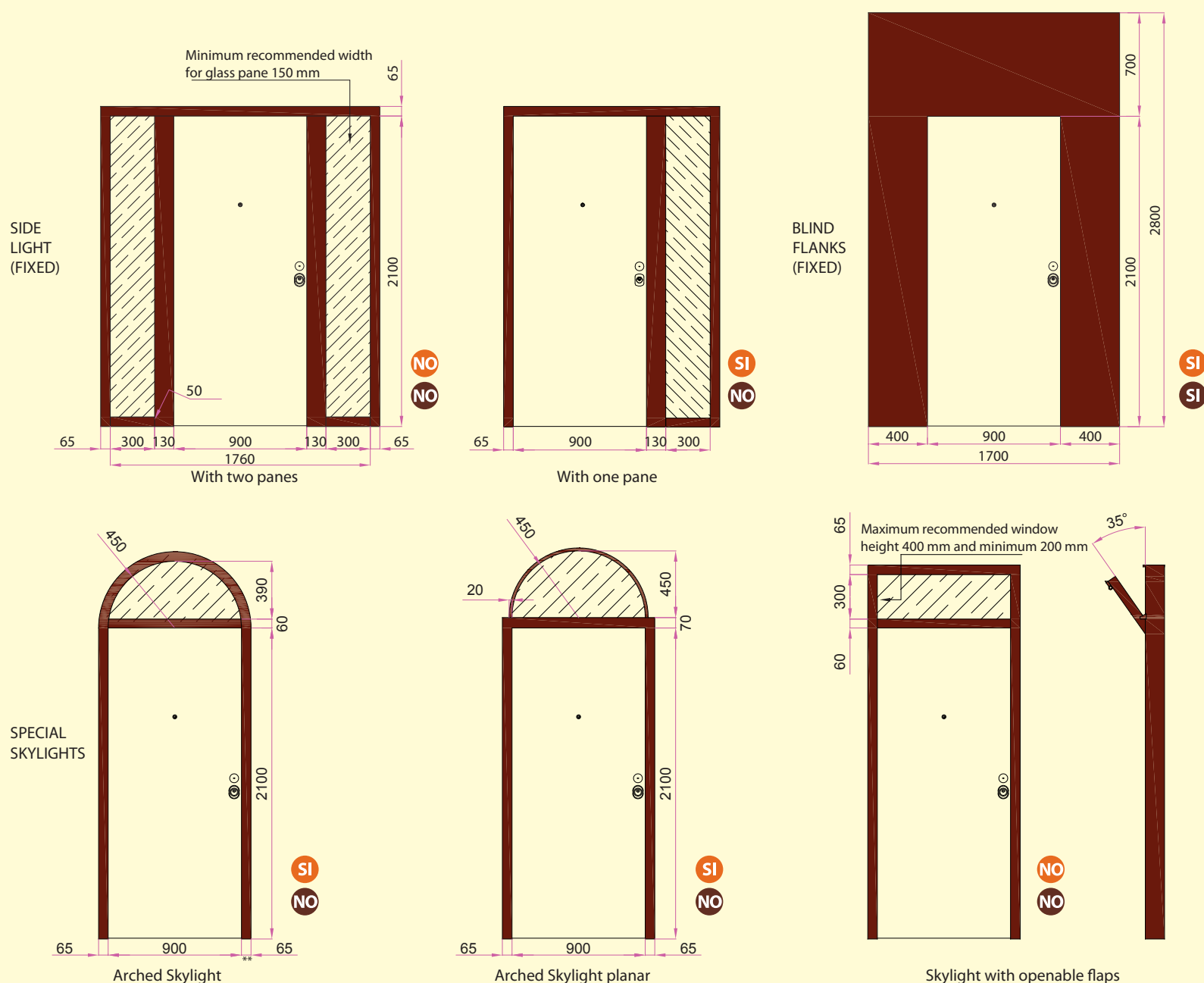
Types of Armored Doors

DOLMEN MODEL

Our armored doors can be classified into 6 groups:

- Armored door ONE LEAF
- Armored door TWO LEAVES
- Armored door THREE LEAVES (openable)
- ARCHED Armored door
- Armored door SIDE WINDOW (fixed)
- Armored door BLIND FLANKS (fixed)





The certifications acquired are not applicable to all the different types of armored doors and to the various ones with skylight* and panes*.

In order to facilitate the understanding of the applicability we divided the certifications into 2 groups:

- Anti-Burglary:
 - Applicability **YES**
 - Applicability **NO**
- Air permeability
- Water holding
- Wind resistance
- Thermal transfer
- Acoustic isolation

- Applicability **YES**
- Applicability **NO**

NOTE:

The designs are external views of the armored doors. From this view the doors would be pushed open, to the left.

Se l'antina misura meno di mm 220 non viene montato il paraspiffero.

* The doors with skylight or window panes preserve the certification class 3 if the mounted glass corresponds to the Anti-Burglary resistance UNI EN 356 class 5, such as our bulletproof glass SG 19/21 or P20 (see chapter on windows pg. 197).

** We can only provide the arched and oblique doors only with the door frame "C" (see chapter on technical details pgs. 226-229).

Types of Armored Doors

DOLMEN MODEL

Some rules, so as to not make a mistake, before processing an order.

- The first thing to decide is the type of the armored door and the direction it opens.
- Consider that the chassis and door frame take up 6,5 cm.
- The measurements must be referred to in net light, for example: measure of net light of a door 90 cm corresponds to an availability of gross space of the wall of 103 cm, and a net light height of the door of 210 corresponds to a measure of gross light of the wall of 217 cm.

Therefore

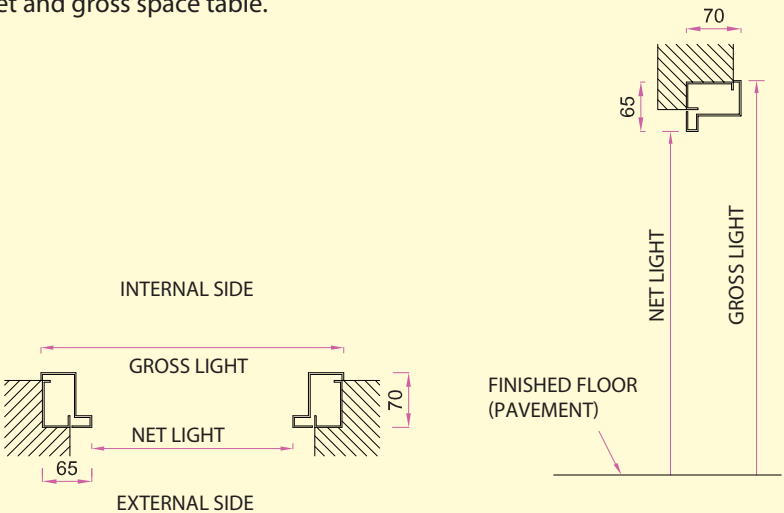
Width: net light + 13 cm

Height: net light + 7 cm

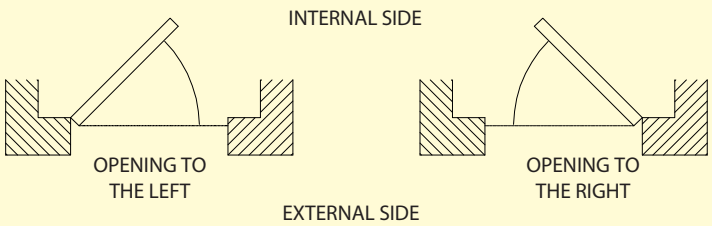
It is important to make sure of the availability of space, otherwise the door cannot function.

STANDARD MEASUREMENTS OF THE ARMORED DOORS			
	W x H	W x H	W x H
NET LIGHT mm	800 x 2100	850 x 2100	900 x 2100
GROSS LIGHTmm	930 x 2170	980 x 2170	1030 x 2170

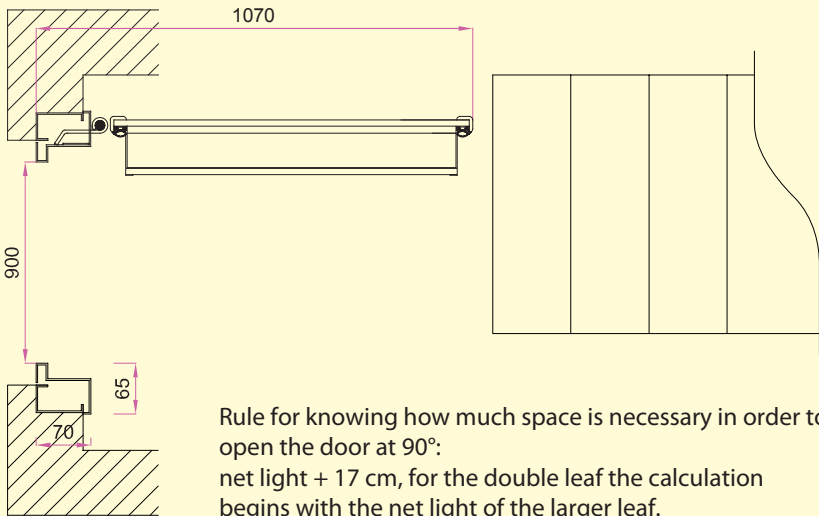
Net and gross space table.



Identification net and gross light



Push to open



Rule for knowing how much space is necessary in order to open the door at 90°:
net light + 17 cm, for the double leaf the calculation begins with the net light of the larger leaf.

Space of door opened at 90°.





Production line of armored doors.

TECHNICAL CHARACTERISTICS OF THE ARMORED DOOR MODEL DOLMEN

Steel chassis thickness 2 mm RAL 8017 brown, the door body made of galvanized steel thickness 1 mm, omega vertical and horizontal frame reinforcements made of galvanized steel thickness 1 mm, double upper and lower pointsman, double pointsman reinforced with galvanized steel thickness 2 mm, n° 4 coupling bumpers, n° 2 horizontal and vertical adjustable sphere hinges, european lock without cylinder, panoramic peephole (180°).

The Dolmen model is offered in three different predispositions:

- 1 - general predisposition *GIOVE Series*
- 2 - predisposition proposed by quantity *MINERVA Series*
- 3 - predisposition based on price *MARTE Series*

The common characteristic of the three series of the Dolmen model base is that we can certify that we can offer always a quality product.

Differences between the series

GIOVE Series

Types of feasible doors:

one leaf, two leaves, three leaves, windowed, skylight, side light, standard and measured.

Finish: optimum, corners made of wood and the handles made of polished aluminum brass.

Coverings: all the types in the catalog and the finished designs.

Minimum order: one item.

Ideal for: reselling.

MINERVA Series

Types of feasible doors:

only a blind one leaf door with standard measurements net light 80-85-90x210 cm.

Finish: good, dark brown internal corners made of unvarnished sheet metal and the handles made of bronzed aluminum.

Coverings: all the types in the catalog for standard blind doors.

Minimum order: 10 equal items.

Ideal for: builders.

MARTE Series

Types of feasible doors:

only one leaf door with standard measurements net light 90x210 cm.

Finish: adequate, dark brown corners made of unvarnished sheet metal, economic cylinder and handles.

Coverings: only printed tanganyika with medium walnut stain.

Minimum order: 30 items.

Ideal for: warehouses with high sales volume.

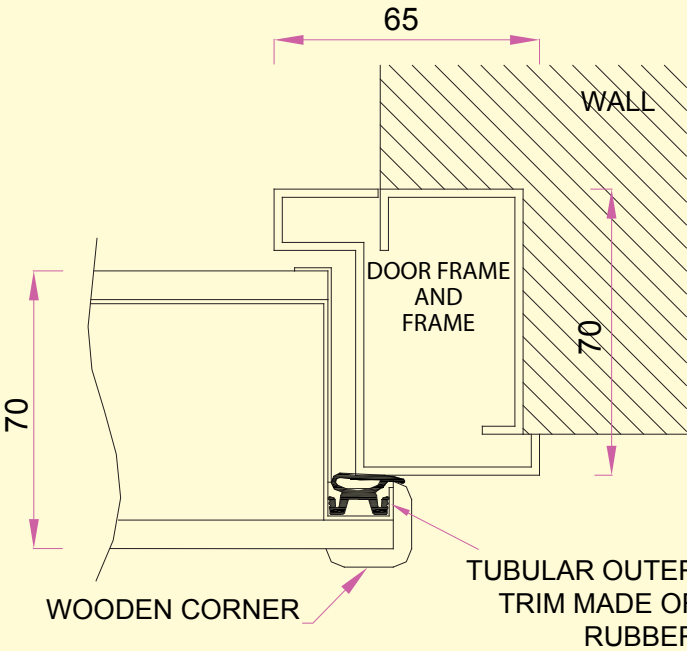


GIOVE Series
General predisposition

Armored door Dolmen model, handles made of polished aluminum brass, snapshot of the insignia key entrance with hidden screws, finished corners made of wood, tubular outer trim made of rubber.



Inner view of armored door GIOVE Series



Section of the GIOVE Series

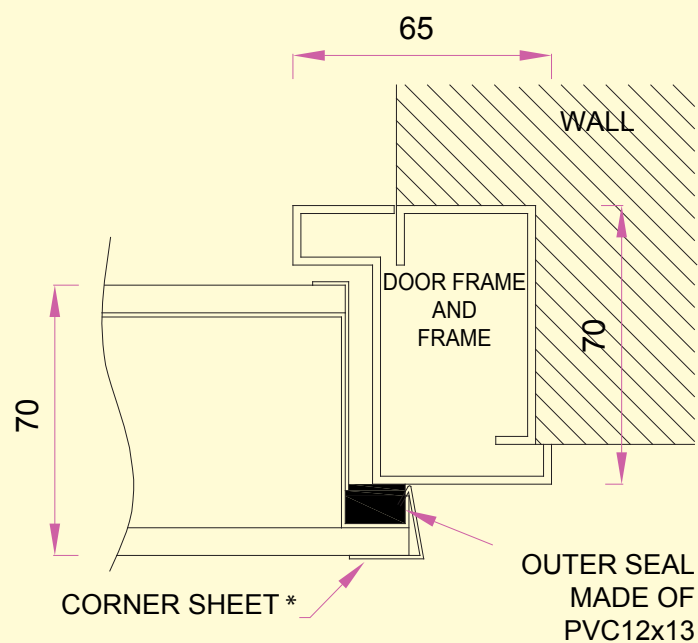
MINERVA Series

Product proposal by quantity

Armored door Dolmen model, handles made of bronzed aluminum, snapshot of the insignia key entrance with hidden screws, finished corners in dark brown unvarnished sheet, self-adjusting draft excluder, outer trim made of PVC.



One leaf armored door, inner view MINERVA Series.



Section MINERVA Series.



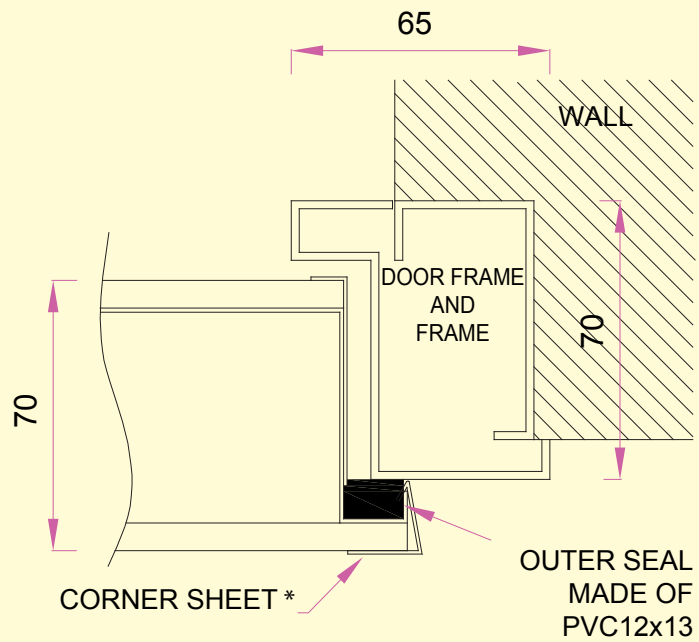
MARTE Series

Product by price

Armored door Dolmen model, handles in bronzed aluminum, snapshot of the insignia key entrance with hidden screws, dark brown finished corners made of unvarnished sheet metal, self-adjusting draft excluder, partial opening, euro security cylinder *Icsa* con n° 3 key + construction key, printed panels** stained with Tanganyika medium walnut 6 mm, outer trim



One leaf armored door *MARTE Series*, Tanganyika walnut panel printed medium.



Section *MARTE* series.



European security cylinder *KEYP* TLJ-C002.

KEYP

Characteristics of the cylinder compared to the Uni En 1303:2005 norm		
	Classification Grades	Classification
Category Use	1/2/3	1 (residential doors)
Duration	4/5/6	5 (50.000 cycles)
Fire resistance	0/1	0 (not adapted)
Corrosion and temperature resistance	0/A/B/C	N.D (not declared)
Security relative to the key	1-6	3 (15.000 combinations with 5 pins)
Attack resistance	0/1/2	1 (3-5 minutes of resistance to the puncture)



Bronzed Aluminum F4 with visible screws.

NOTA:
** Since the panels are printed onto unbalanced chipboard, in very humid environments they experience problems with swelling.

Smooth Coverings

FOR INTERNAL SIDE

The covering panels are all 7 mm thick, made of wood, they can be veneered with hardwood (Walnut, Mahogany, Tanganyika, Cherry, Durmast, etc.), lacquered or laminated. For indoor use only.



Type:
Tanganyika
Color:
***Medium
walnut stain***





Type:
Tanganyika
Color:
***natural,
lightly
stained***





Type:
Mahogany
Color:
medium





Type:
Cherry
Color:
***natural,
lightly
stained***



Smooth Coverings

COLOR SAMPELS interior smooth coverings, painted wood, laminate and veneered.



NATURAL TANGANYIKA lightly stained
-laminated - veneered.



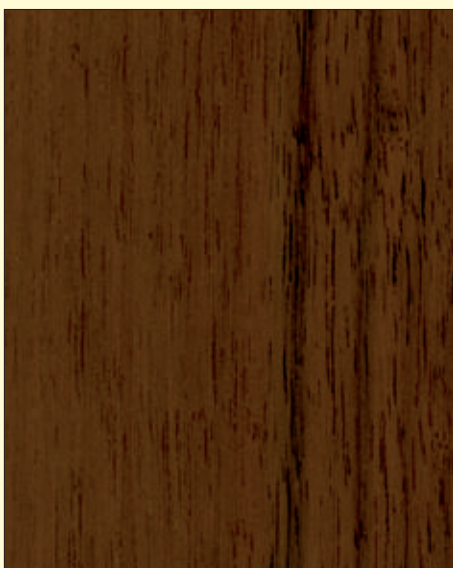
TANGANYIKA medium walnut stain
-laminated - veneered.



MAHOGANY medium MAHOGANY light
- painted wood - veneered.



MANSONIA medium walnut stain
- painted wood - veneered.



NATIONAL WALNUT medium walnut stain
- painted wood - veneered.



NATURAL CHERRY lightly stained
-laminated - veneered.



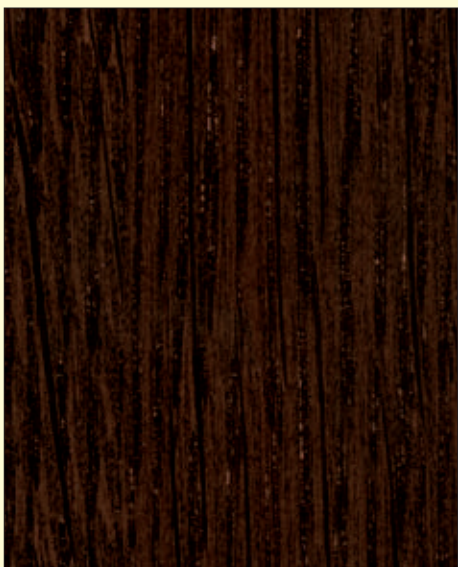
NATURAL DURMAST lightly stained
- painted wood - veneered.



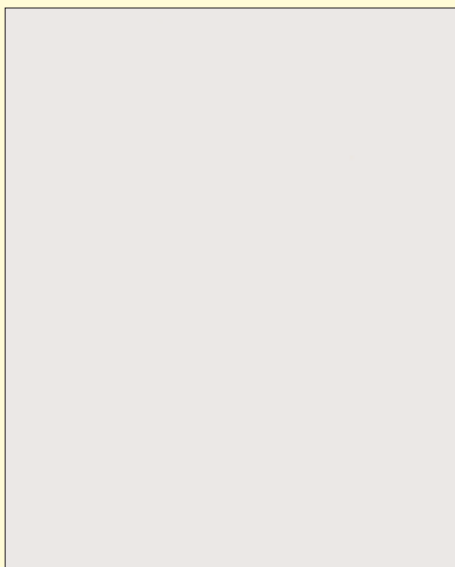
DURMAST medium walnut stain
- painted wood - veneered.



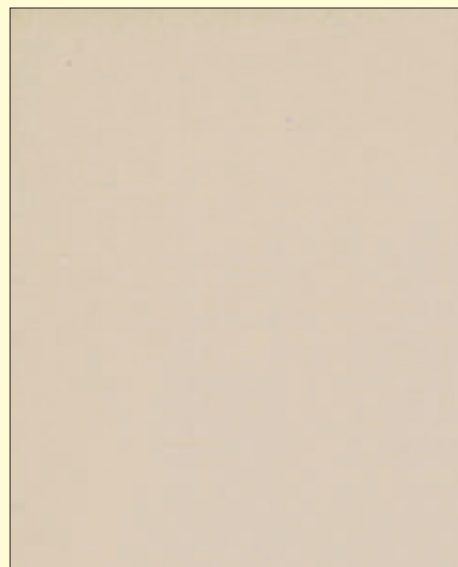
Durmast bleached
- laminated with open pores.
- veneered.



DURMAST wenge stain
- laminated with open pores.
- veneered.



OPAQUE WHITE
- opaque white laminate max 90x210.
- opaque white lacquer.




LACQUERED* Ral 1013 opaque

TECHNICAL INFORMATION:

- Painted wood, max panel size . . .124x250 cm.
- Laminate, max panel size124x250 cm.
- Veneered, max panel size122x250 cm.

NOTE:

Attention, the color samples are representative, but in reality there may be differences presented.
Standard smooth coverings are lacquered or painted wood, unless specified otherwise.

* Lacquered colors: we offer all the smooth opaque Ral colors. 

Smooth Coverings

GLOSSY

FOR INTERIOR USE

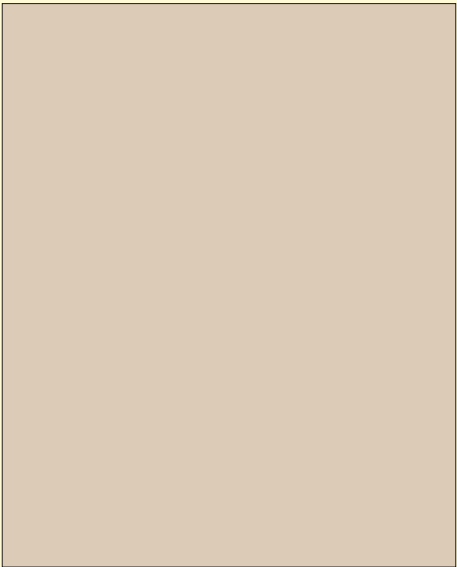
The difficulty of its creation is equal to its charm, in the proper context it immediately creates an elite atmosphere.



Finish:
Glossy
Color:
Ral 4008



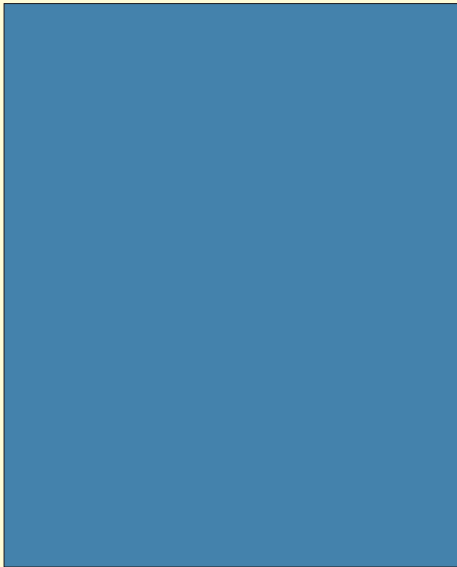
GLOSSY COLOR SAMPLES for interior



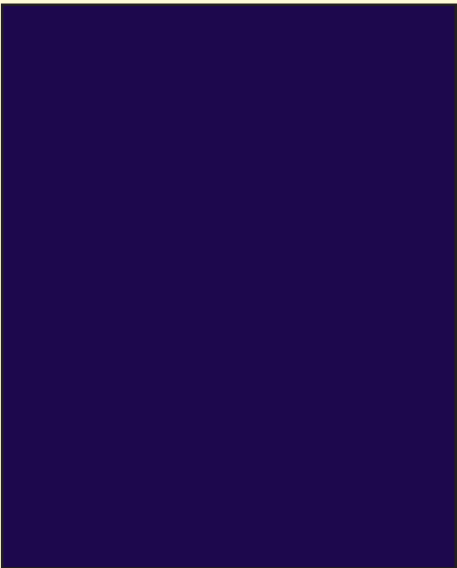
WHITE PEARL Ral 1013



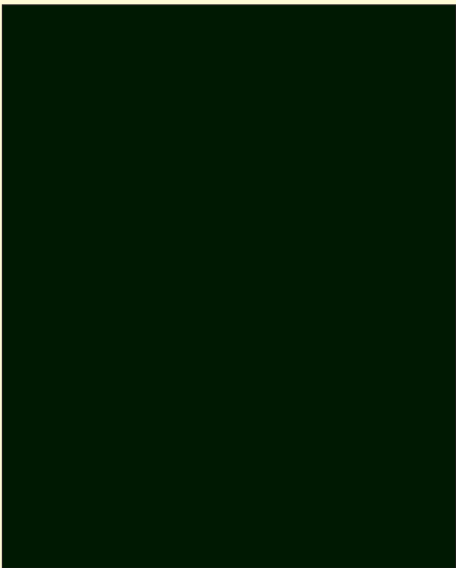
WHITE ALUMINUM
Ral 9006 non-metallic



LIGHT BLUE Ral 5012



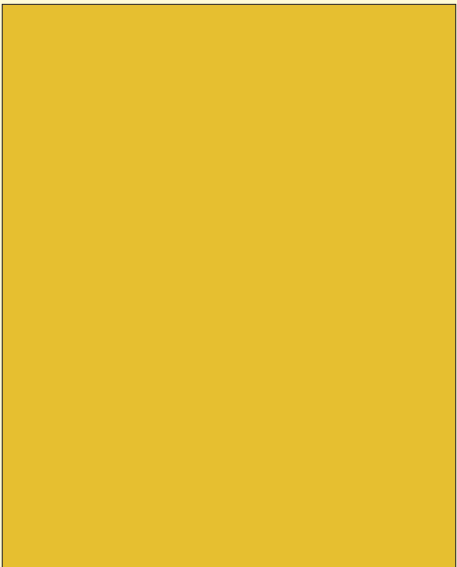
ULTRAMARINE BLUE Ral 5002



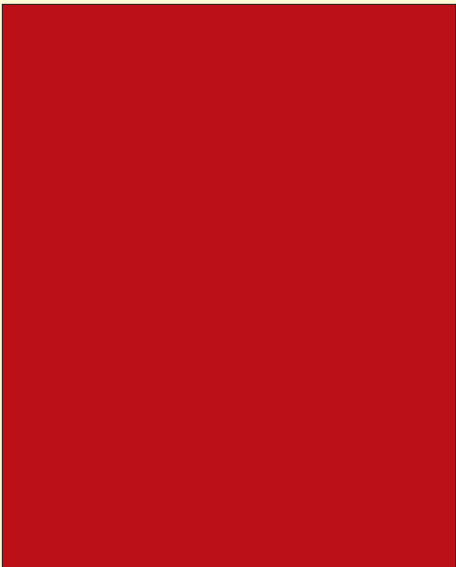
MOSS GREEN Ral 6005



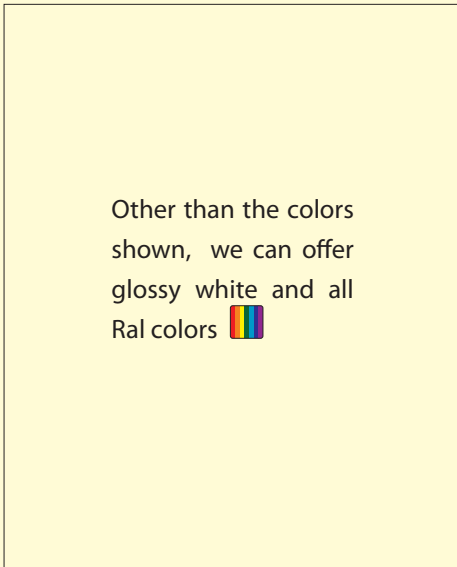
CHOCOLATE BROWN Ral 8017



MUSTARD YELLOW Ral 1021



TRAFFIC RED Ral 3020



Other than the colors
shown, we can offer
glossy white and all
Ral colors 🌈

SPECIAL LAMINATES

FOR INDOOR USE

We offer a selection of laminate panels that reproduce the grain of the wood in relief, this particular process gives a more natural appearance.



Material: *Laminate*
Color: *White Rosewood*
Processing: *wood vein relief*
Grain: *Horizontal*



Material: *Laminate*
Color: *Canaletto Walnut*
Processing: *wood vein relief*
Grain: *Horizontal*



COLOR SAMPLES horizontal grain.



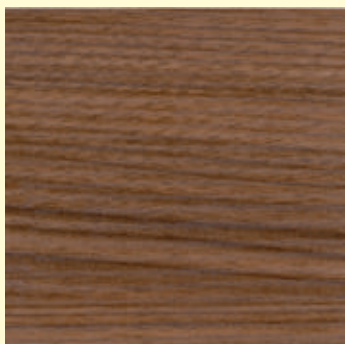
White Rosewood
(Cleaf LM96)



White Laser
(Cesaplast 098L/Cleaf Matrix)



White Ash
(Faler legno Fra Bel)



Canaletto Walnut
(Faler Wood I 64)



White Larch
(Faler Wood I 66)



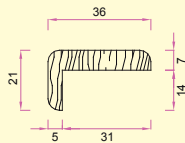
Blue Rosewood
(Cleaf LM95)

TECHNICAL INFORMATION: Panel measurement 105x215 cm

One leaf door maximum size	Inner Panel	Width	100 cm
		Height	213 cm
	Outer Panel	Width	103 cm
		Height	214 cm
Two leaf door maximum size	Inner Panel	opening panel and fixed panel Width	100 cm
		opening panel and fixed panel Height	213 cm
	Outer Panel	opening panel and fixed panel Width	103 cm
		opening panel and fixed panel Height	214 cm

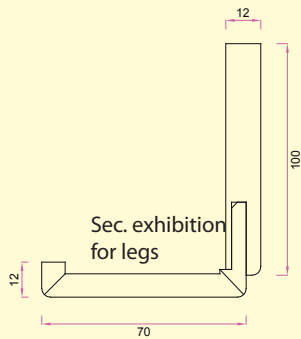
ATTENTION: these panels cannot be mounted on the inside/outside of arched doors with windows.

Inner corner:



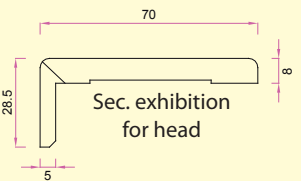
Trim 7x1, maximum door measurements:

Inside	height	210 cm
outside	height	214 cm



Samples 7x1 225 cm, maximum door measurements:

Inside	height	210 cm
outside	height	214 cm



NOTE: Other laminates are possible depending on availability.

INSERTS

FOR INDOOR USE

The aluminum insert can be placed on all smooth coverings that have been painted, whether it be a wood finish or lacquer. The most commonly used finish is the laminate panel with horizontal vein relief.



TECHNICAL INFORMATION: aluminum insert 6x0,8 mm
protective adhesive film, satin chrome finish.

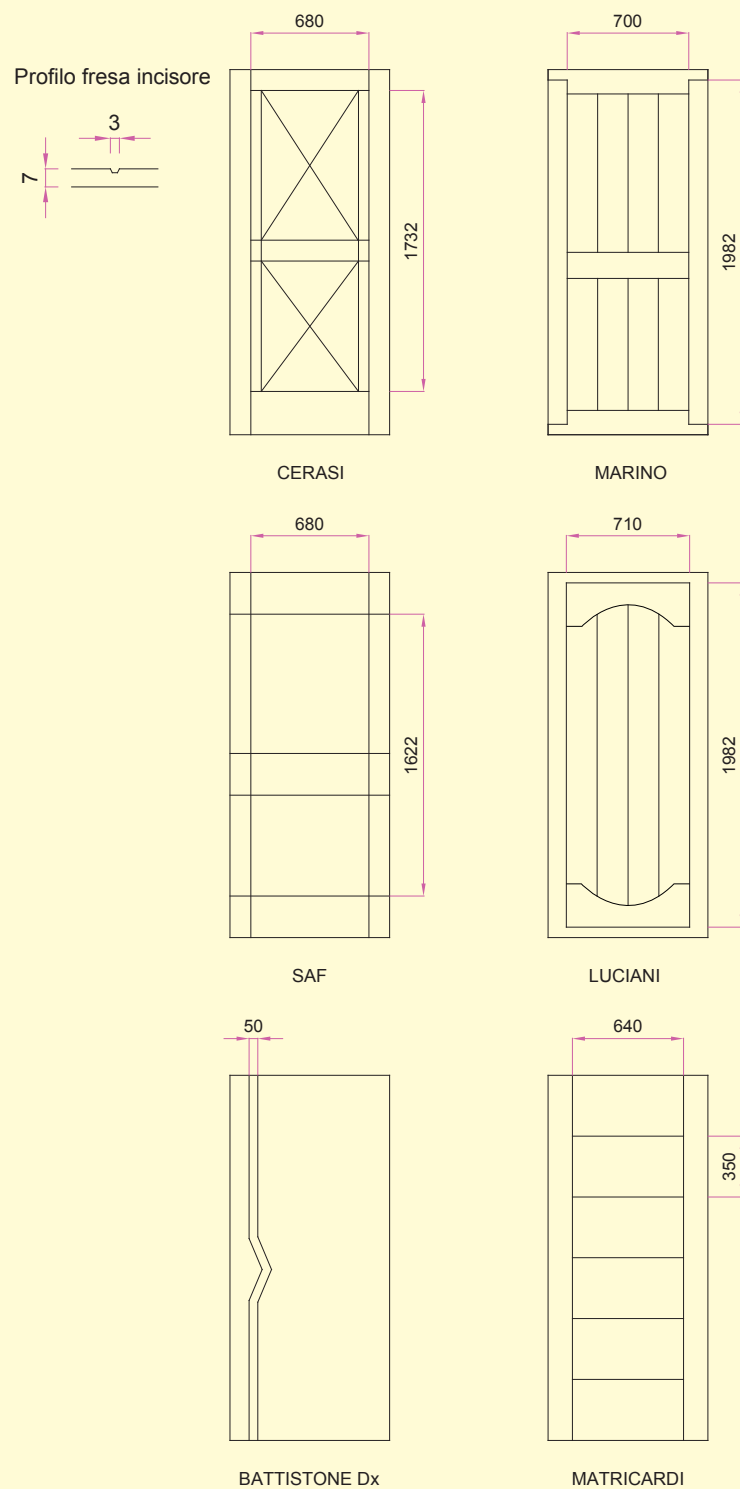
Material: *Laminate*
Color: *Blue Rosewood*
Processing: *wood vein relief*
Inserts: *satin chrome*



ENGRAVINGS

FOR INDOOR USE

Engraving is only available on smooth laminate panels, wood finish with MDF base. Once engraved, the MDF base will be visible and covered with a transparent coating.



Model: **Cerasi**
Material: **Laminate**
Color: **natural tanganyika lightly stained**



NOTE: It is not possible to engrave doors with wood relief and lacquered panels.

Inlaid Coverings

FOR INDOOR USE

The inlaid panels can be placed exclusively inside of a closed environment, they are a valid alternative to the smooth panels. We offer them only in hardwood (Walnut, Tanganyika, Durmast, Briarwood, etc.). They maintain a crafted look and bring with them natural elegance.



Model: *Raggiato*
Type: *Tanganyika*
Color: *natural*

Variations: *Durmast*



Model: *Scacco*
Type: *Durmast*
Color: *natural*

Variations: *Tanganyika, Mahogany*





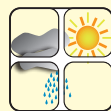
Model: *Prospetto*
Type: *Tanganyika and Briarwood*
Color: *natural*

Variations: *Durmast*



Model: *Fascia 3*
Type: *Tanganyika*
Color: *natural*

Variations: *Durmast*





Model: *Spiga 2*
Type: *Tanganyika*
Color: *natural*

Variations: *Durmast, Mahogany*



Model: *Spiga 4*
Type: *Tanganyika*
Color: *natural*

Variations: *Durmast, Mahogany*





Model: **Zebrano**
Type: **Zebrano**
Color: **natural**



Model: **Greca**
Type: **Tanganica**
Color: **natural**
Greca: **Cherry**
Variations: **Durmast**



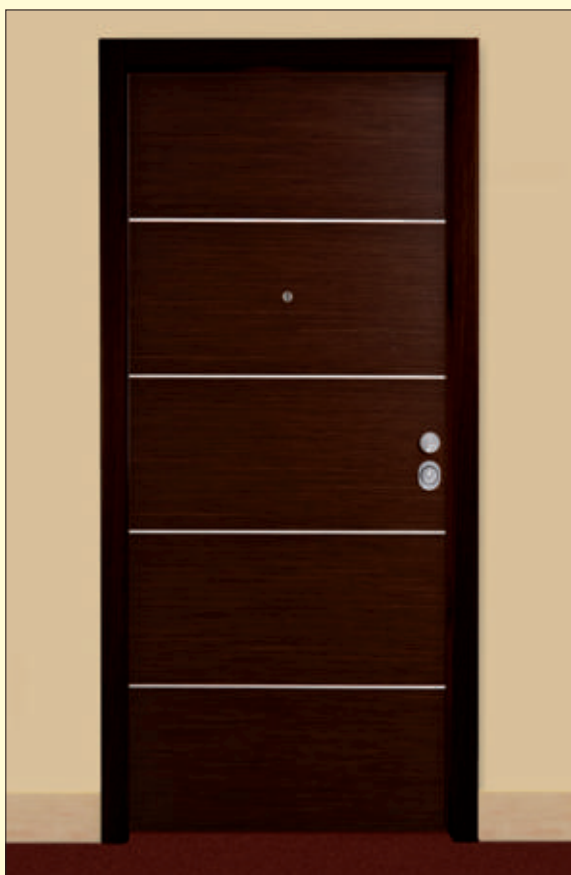


Model: *Rettangolo*
Type: *Durmast*
Color: *wenge stain*
Inserts: *satin chrome*



Model: *Tondo*
Type: *Durmast*
Color: *bleached*
Inserts: *satin chrome*





Model: *Linea*
 Type: *Durmast*
 Color: *wengè stain*
 Inserts: *satin chrome*



Model: *Linea*
 Type: *Durmast*
 Color: *bleached*
 Inserts: *satin chrome*



Model: *Linea*
 Type: *Durmast*
 Color: *natural*
 Inserts: *satin chrome*



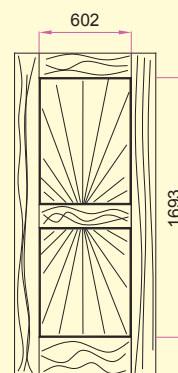
Model: *Linea*
 Type: *MDF*
 Color: *White Lacquer*
 Inserts*: *satin chrome*



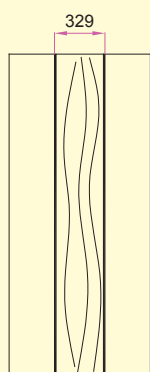
Nota: * The inserts are placed after the paint is applied unlike the other line of panels.

INLAID COVERING DESIGNS thickness 7 mm

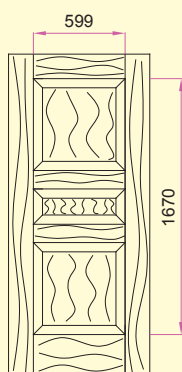
In the designs, more defined lines can be seen: they are lines that divide the veneers.
The black and brown lines are made of tulipwood, while the lighter ones are made of maple or durmast.



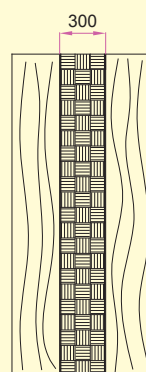
RAGGIATO



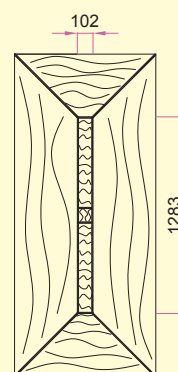
ALPI



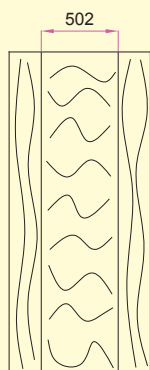
MASSELLATO



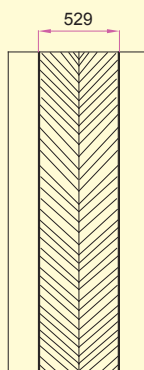
SCACCO



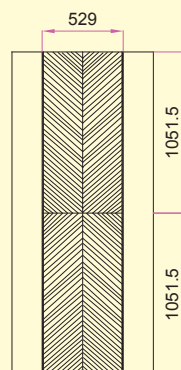
PROSPETTO



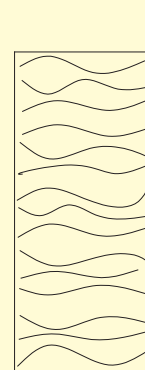
FASCIA 3



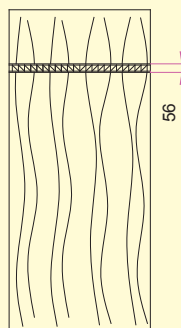
SPIGA 2



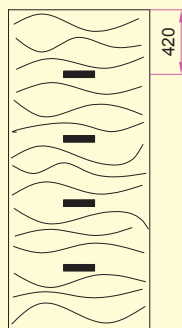
SPIGA 4



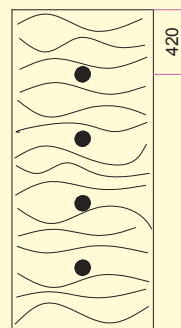
ZEBRANO



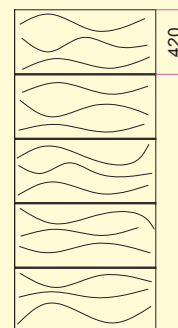
GRECA



RETTANGOLO

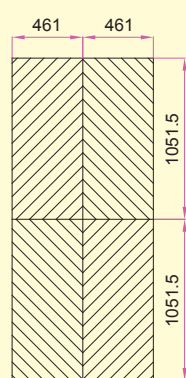


TONDO

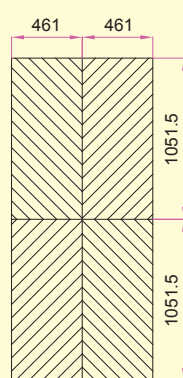


LINEA

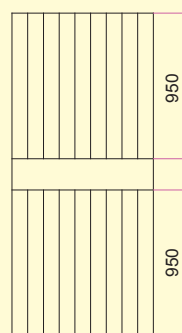




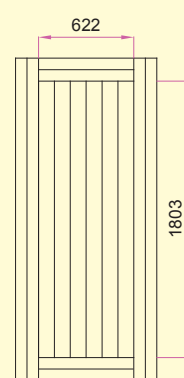
ROMBO C



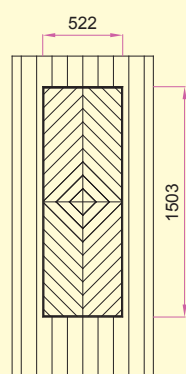
ROMBO A



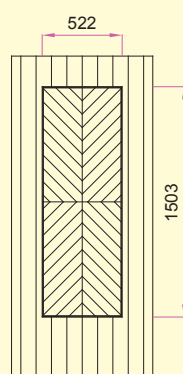
FASCIA 1



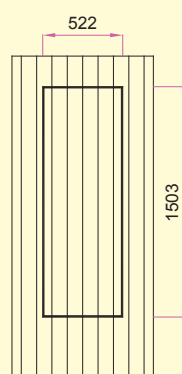
MASSICCIO



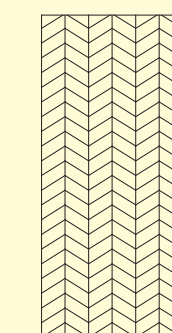
ROMBO C
CENTRO



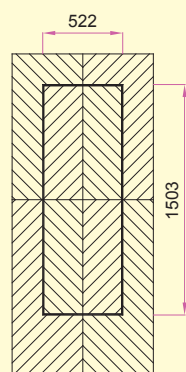
ROMBO A
CENTRO



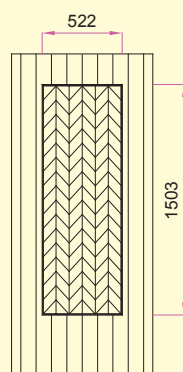
VENA D



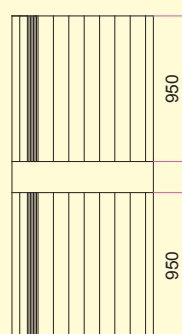
153
SPIGATO



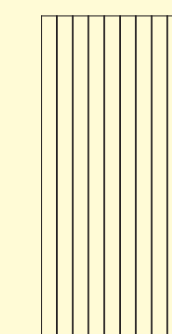
ROMBO C
ROMBO A



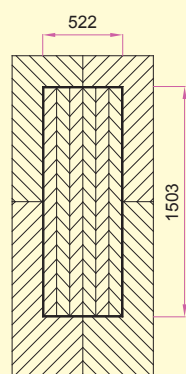
SPIGATO CENTRO



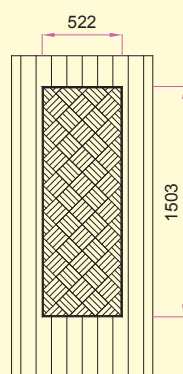
SVEDESE 1



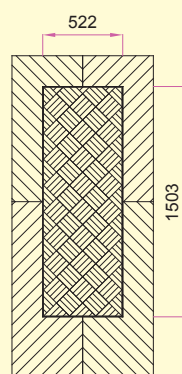
100
FILETTI V



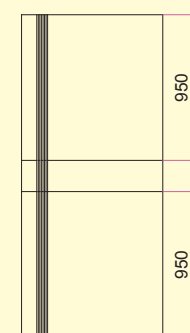
SPIGATO
ROMBO A



LOSANGHE 1



LOSANGHE 2



70
SVEDESE 2

NOTE: All designs are for armored doors of net light 90x210, by changing the measurements the designs have variations in proportions. We can create all kinds of inlaid panels after a feasibility check. Distance from handle to edge of door must be minimum 140 mm.

Brushed Coverings

For Indoor Use

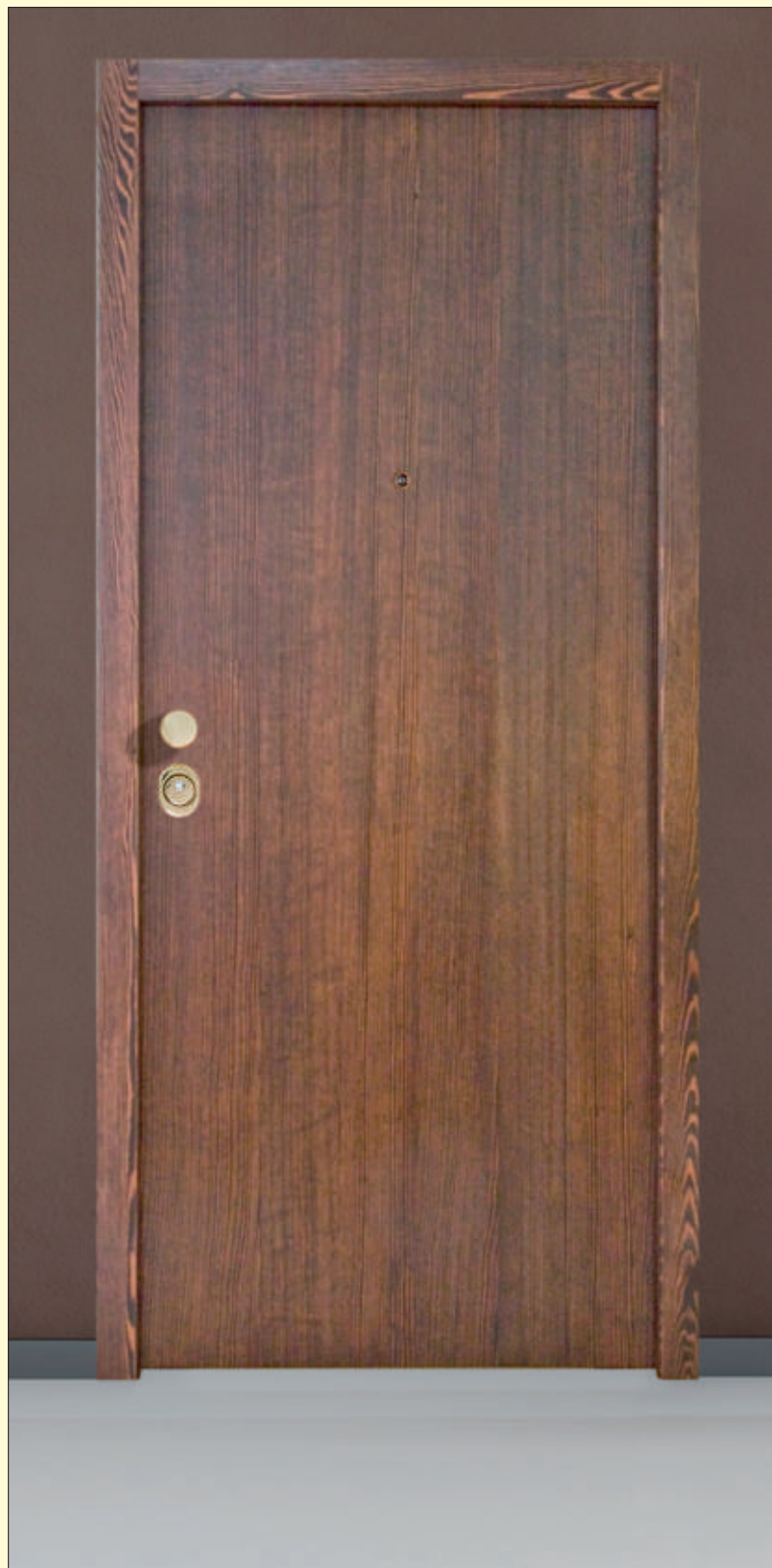
Brushing enhances the grain of the wood. Once painted, it effectively combines ancient and modern styles.



Processing: **Brushed**
Type: **Yellow pine**
Color: **Ral 9006**



50



Processing: **Brushed**
Type: **Yellow pine**
Color: **medium walnut stain**



CHARACTERISTICS:

- MDF support 6 mm.
- Veneer 10/10
- Balance panel.

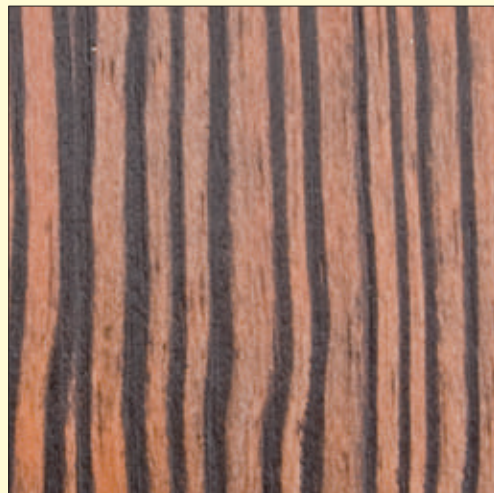
Types:

- Yellow pine.

COLOR SAMPLES brushed panels



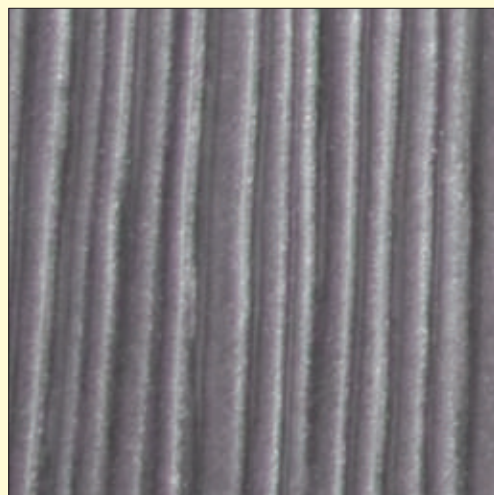
Yellow pine wenge stain



Yellow pine medium walnut stain



Yellow pine Ral 9006



Yellow pine Ral 9007

TECHNICAL INFORMATION

- Maximum possible measurements 119x249 cm.
- The brushed coverings can only be made with dark etching.
- Lacquers can be either opaque or transparent.

Hardwood Coverings

FOR OUTDOOR USE

An armored door can be coated with many different materials, but of all choices the ideal is always the hardwood covering due to its heat resistance, its beauty and also its durability. All other types of doors must be replaced after they are worn; however, the hardwood covering can be restored many times, thus increasing its value and elegance.



Model:
Adelaide
Type:
Daniela
Walnut*
Color:
natural





Model: *Anastasia*
Type: *Durmast*
Color: *natural*



Model: *Anastasia V*
Type: *Durmast*
Color: *natural*





First phase of hardwood processing.

Model: *Sabrina*
Type: *Pine*
Color: *medium walnut stain*





Model:
Sara
Type:
Durmast
Color:
**Medium wal-
nut stain**





Model:
**Sara +
Matta AP V**
Type:
Durmast
Color:
**medium walnut
stain**





Model: *Serena*
 Type: *Iroko*
 Color: *medium walnut stain*



Model: *Serena V*
 Type: *Durmast*
 Color: *medium walnut stain*





Water-based paint.

Model: *Marica*
Type: *Douglas*
Color: *natural*





Model:
Marta
Type:
Durmast
Color:
**medium
walnut
stain**





Model: **Monica**
Type: **Durmast**
Color: **medium walnut stain**



60



Model: **Dora**
Type: **Iroko**
Color: **medium walnut stain**





Model:
Diva
Type:
Rovere
Color:
***medium
walnut stain***





Model:
Corina
Type:
Durmast
Color:
**medium wal-
nut stain**





Model:
Cora
Type:
Durmast
Color:
wenge stain





Model:
Lorena
Type:
Durmast
Color:
**medium wal-
nut stain**
detail:
nails



**NEW
ARTICLE**



Model:
Julia*
Type:
Durmast
Color:
natural
Detail:
***Protruding wood
block that func-
tions as a door
handle***



NOTE: * This model is only available in lightly stained Durmast or medium walnut stained Durmast.



Model: *Ines V*
Type: *Durmast*
Color: *natural*



Model: *Ida*
Type: *MDF - Cherry**
Color: *Ral 6005 - natural*





Model: *Romina*
 Type: *National walnut**
 Color: *medium walnut stain*



NOTE: *Strips made of veneered poplar wood



Model: *Rebecca*
 Type: *National walnut**
 Color: *medium walnut stain*
 Inserts: *Polished brass*





Model: *Rossini*
Type: *Cherry*
Color: *natural*



Model: *Stradivari*
Type: *Durmast*
Color: *light walnut stain*



AVAILABLE TYPES:

- Durmast, Iroko (more resistant to the elements),
- Daniela Walnut*, Cherry, Pine, Douglas.


OTHER MATERIALS USED:

- Lacquered doors are MDF water-repellent 18 mm.
- Blockboard veneered with Cherry, Durmast, National Walnut.

COLORS OFFERED:

- Light walnut stain.
- Medium walnut stain.
- Dark walnut stain.
- Medium mahogany stain.
- Wenge stain.
- Bleached.

LACQUER:

- We offer all Ral colors , opaque textured finish (embossed).

PAINT water-based.

All hardwood coverings are treated with complete water-paint cycles, the paints have the following characteristics:

- | | |
|--|--------------------------------|
| • Solvent emissions into the atmosphere | Very low (only while it dries) |
| • Release of harmful substances | None |
| • Self Combustion | None |
| • Elasticity and temperature resistance | Excellent |
| • UV filter against yellowing and vitrification..... | Yes |
| • Preservatives against fungi and mold | Yes |
| • Recoating | Excellent |

5 YEAR GUARANTEE**.

For all hardwood panels indicated below



<div></div> <div>INDOOR PLACEMENT closed environment</div>	<div></div> <div>WELL SHELTERED OUTDOOR PLACEMENT veranda of at least 3m</div>	<div></div> <div>SHELTERED OUTDOOR PLACEMENT small awning or balcony</div>	<div></div> <div>OUTDOOR PLACEMENT completely exposed</div>
	<div><div><i>Dalma</i></div><div><i>Dora</i></div><div><i>Dorotea</i></div><div><i>Ines</i></div><div><i>Ida</i></div><div><i>Julia</i></div><div><i>Romina</i></div><div><i>Rebecca</i></div></div> <div><div><i>Opera</i></div><div><i>Bellini</i></div><div><i>Rondò</i></div><div><i>Rossini</i></div><div><i>Pitagora</i></div><div><i>Puccini</i></div><div><i>Stradivari</i></div><div><i>York</i></div></div>	<div><div><i>Adelaide</i></div><div><i>Anastasia</i></div><div><i>Sabrina</i></div><div><i>Sara</i></div><div><i>Serena</i></div><div><i>Silvana</i></div><div><i>Marica</i></div></div> <div><div><i>Marta</i></div><div><i>Mila</i></div><div><i>Monica</i></div><div><i>Diva</i></div><div><i>Lorena</i></div><div><i>Corina</i></div><div><i>Cora</i></div></div>	

NOTE:

* While supplies last.

** The same guarantee is offered for hardwood covered doors of the same series and placement, with or without windows.

Hardwood Coverings

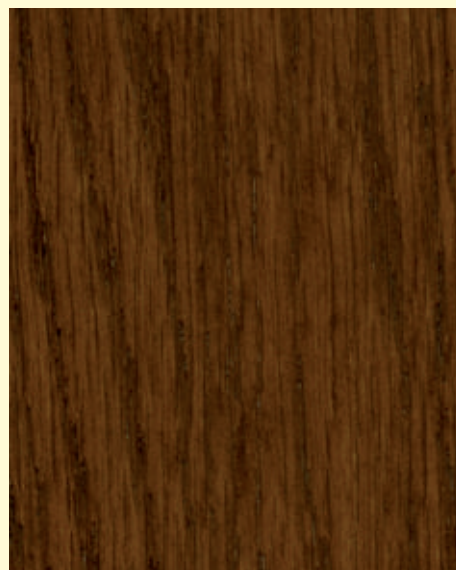
COLOR SAMPLES outdoor hardwood coverings



DURMAST natural, lightly stained



DURMAST light walnut stain



DURMAST medium walnut stain



DURMAST dark walnut stain



DURMAST bleached



DURMAST wenge stain



IROKO natural, lightly stained



IROKO light walnut stain



IROKO medium walnut stain



IROKO medium mahogany stain



WALNUT FINISH natural, lightly stained



CHERRY natural, lightly stained



PINE natural, lightly stained



PINE medium walnut stain



DOUGLAS natural, lightly stained



DOUGLAS medium walnut stain



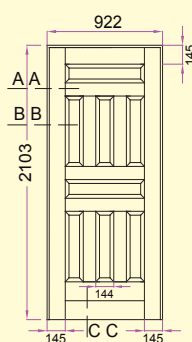
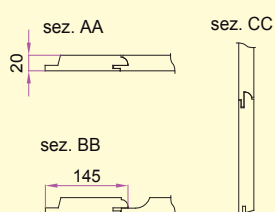
MDF LACQUERED Ral 6005 texturized

NOTE: Attention, the color samples are representative, but in reality there may be differences presented.
* While supplies last.

Hardwood Coverings

Hardwood designs
Thickness 20 mm

Baroque Profile



Minimum required measurements per model:

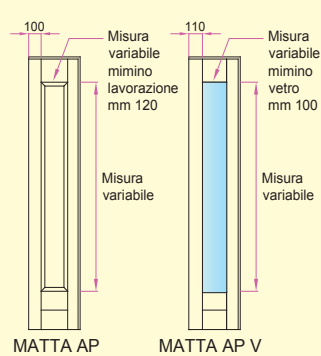
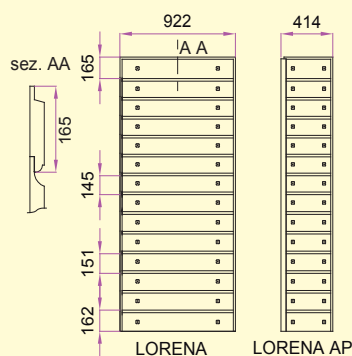
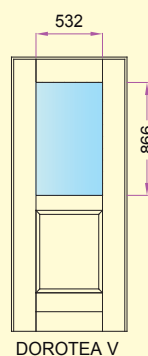
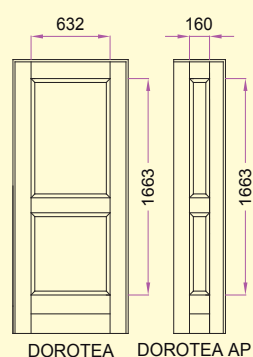
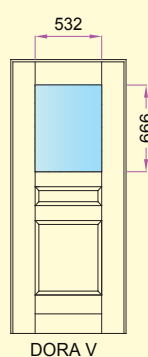
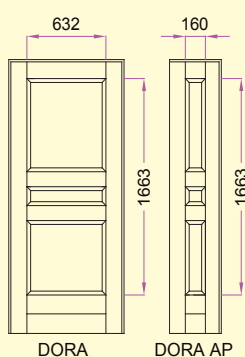
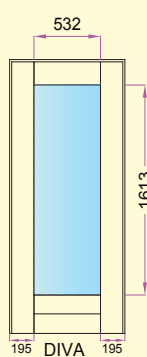
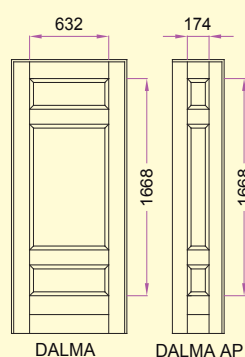
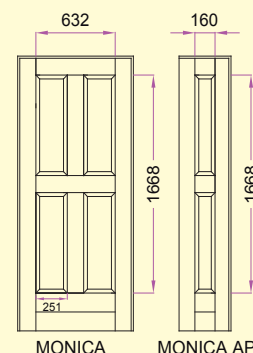
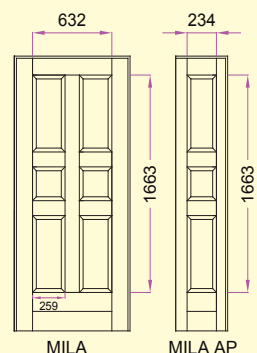
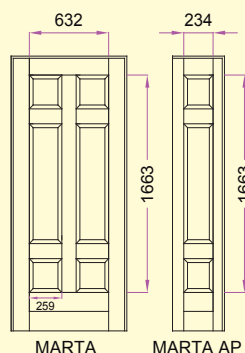
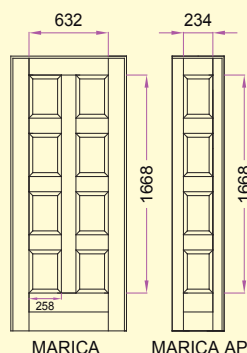
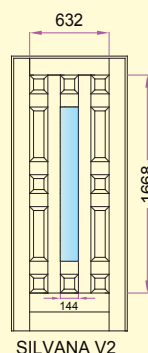
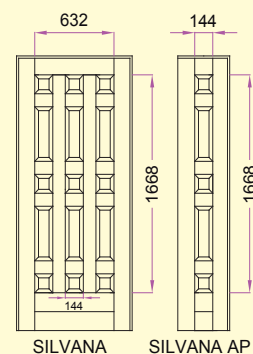
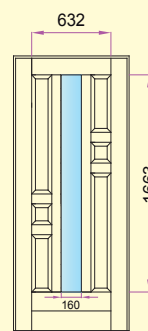
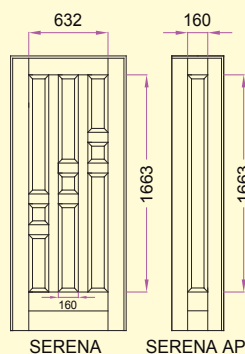
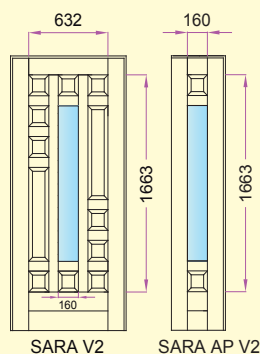
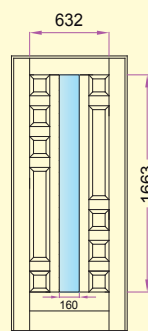
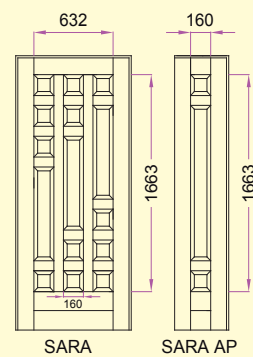
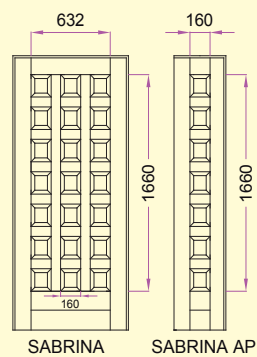
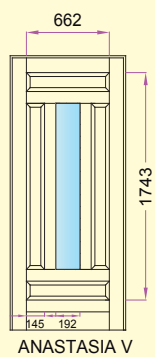
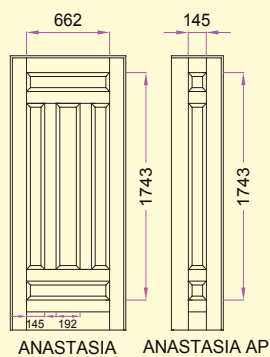
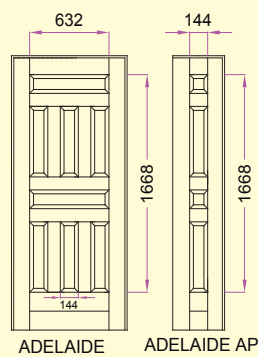
Adelaide, Anastasia, Ida, Ines, Iole, Isotta, Sabrina, Sara, Serena, Silvana: 77 cm.

Diva, Marica, Marta, Mila, Monica: 60 cm.

Cora, Corina, Dalma, Dora, Dorotea, Lorena, Rebecca, Romina: 50 cm.

Puccini, Rossini 90 cm. Stradivari 88 cm. York 86 cm.

Rondò, Pitagora 85 cm. Opera 82 cm. Bellini 80 cm.

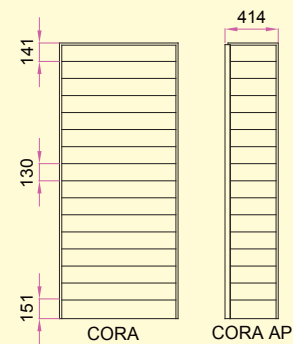
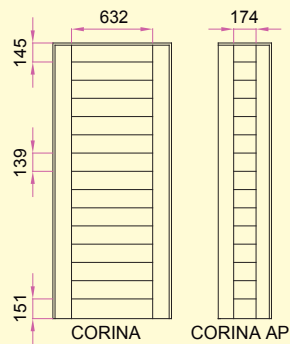
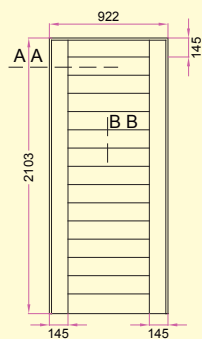
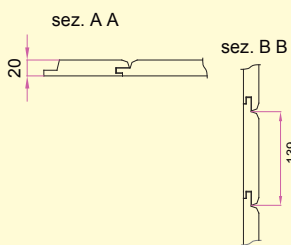


TECHNICAL NOTES:

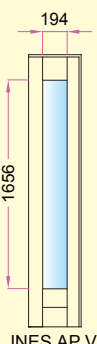
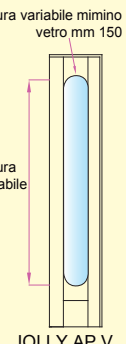
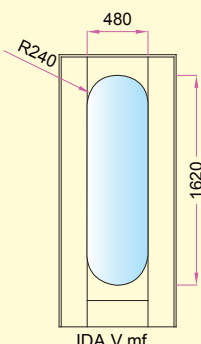
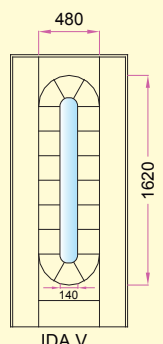
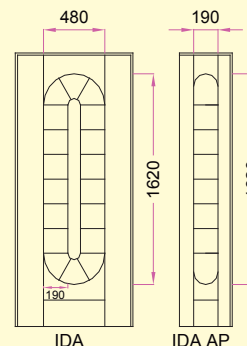
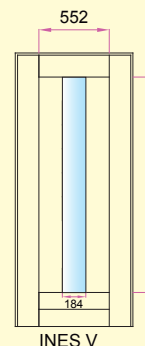
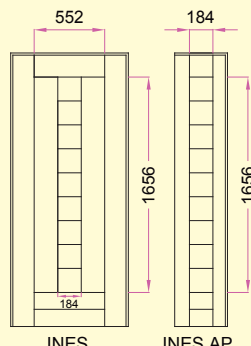
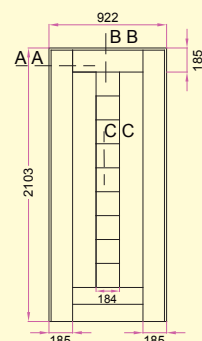
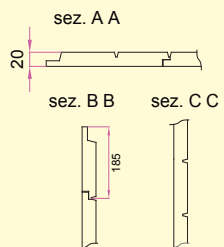
- All designs are external panels of armored doors 90x210 and small leaf 40x210, by changing the measurements the designs will have variations in their proportions.

- Buffer zone blind large leaf 110 mm
windowed large leaf 195 mm
blind small leaf 70 mm
windowed small leaf 110 mm

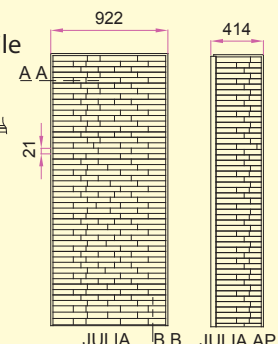
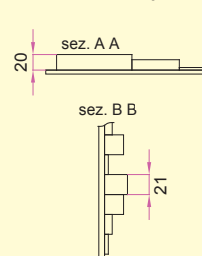
"r9" cutter profile



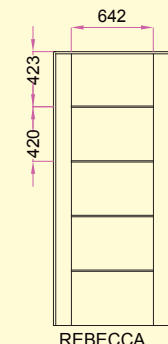
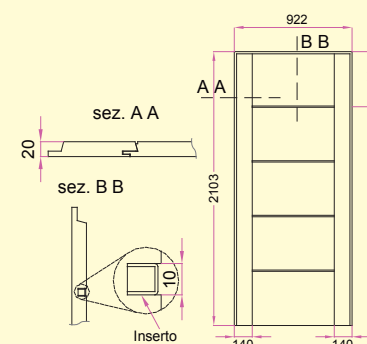
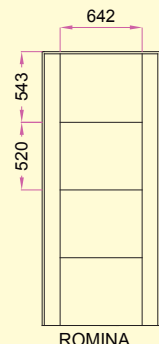
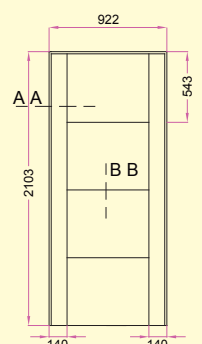
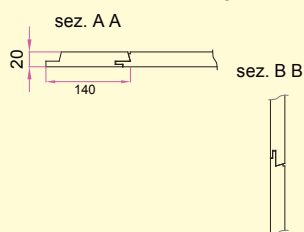
"V" cutter profile



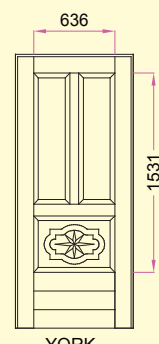
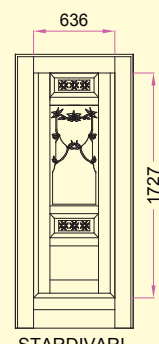
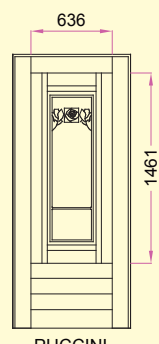
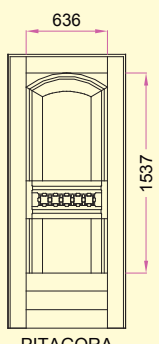
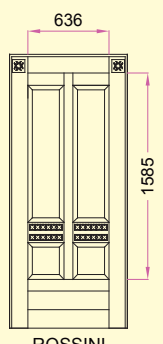
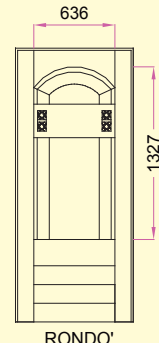
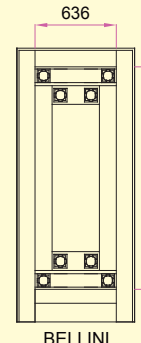
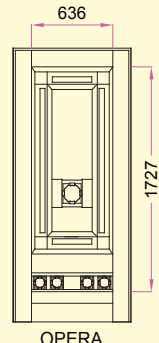
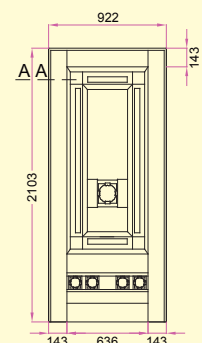
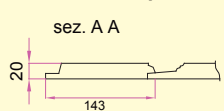
Flat cutter profile



Goldfinch cutter profile



Mas cutter profile



NOTE: We can create all kinds of hardwood panels after a feasibility check..

Hardwood Coverings

AGED WOOD

FOR OUTDOOR USE

These panels are simply beautiful, what more can we say? If you believe in love at first sight, these may be the right panels for you.



Model:
A campione
Type:
Durmast
Color:
Medium
walnut stain
Processing:
Weathering
Detail:
Wooden
nails





Model: *Marta*
 Type: *Durmast*
 Color: *Light walnut stain*
 Processing: *weathering*
 Detail: *wooden nails*

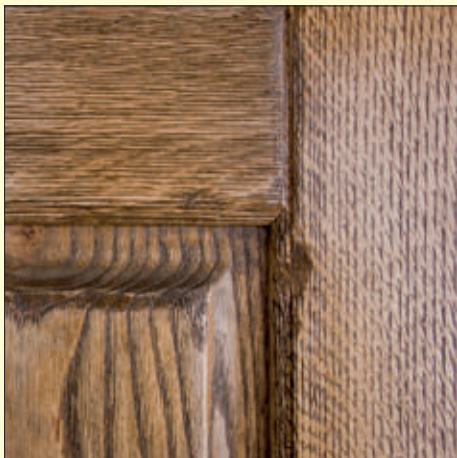


Model: *Mercantile*
 Type: *Chestnut*
 Color: *Medium walnut stain*
 Processing: *Machine-brushed*
 Detail: *forged iron nails*

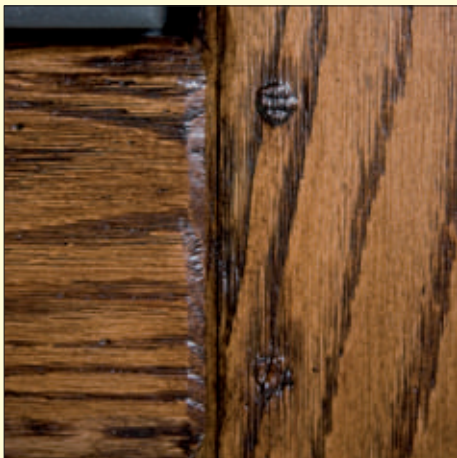


Hardwood Coverings

PROCESSING IN DETAIL



Weathered and brushed by hand.



Weathered and brushed by hand.
Wooden nails.



Machine-brushed.
Forged iron nails
(Only available with Mercantile model).

AVAILABLE HANDLES aside from those already displayed in the catalog.

Aged and embossed aluminum. Color: Anthracite



American handle



Pegaso 60 knob



defender keyhole



Yale keyhole



Partially open
knob



Peephole

TYPES OF WOOD USED IN PROCESSING:

- Durmast
- Chestnut (Only available with Mercantile model).

ETCHES PERFORMED:

- Light walnut stain.
- Medium walnut stain.
- Chestnut medium walnut stain

5 YEAR GUARANTEE.

For all hardwood coverings indicated below



INDOOR PLACEMENT
closed environment



WELL SHELTERED
OUTDOOR PLACEMENT
veranda of at least 3m

Anastasia V
Dalma
Diva
Dora

Dora V
Dorotea
Dorotea V



SHELTERED OUTDOOR
PLACEMENT
small awning or
balcony

Adelaide
Anastasia
Marica
Marta

Mila
Monica
Mercantile

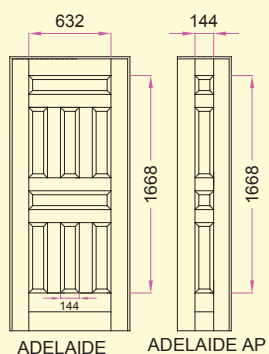
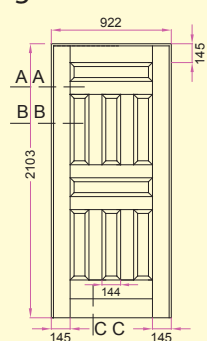


OUTDOOR PLACEMENT
completely exposed

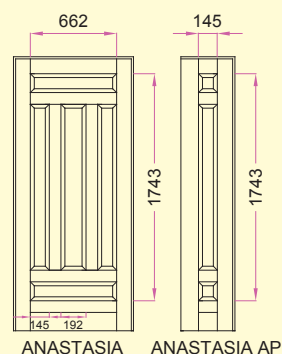
A close-up photograph of a wood surface, likely a piece of lumber or a wooden panel. The wood grain is clearly visible, running vertically. A prominent, dark, vertical crack or crevice runs down the center of the image, slightly to the left of the middle. The wood has a warm, brownish-tan color with some darker, more textured areas, possibly due to aging or staining. The lighting is somewhat uneven, with brighter areas towards the top and darker areas towards the bottom.

A detailed close-up of a wood grain texture. The image shows a series of horizontal, wavy lines representing the growth rings of a tree. The color is a warm, medium brown with darker, almost black, lines and knots interspersed throughout. The texture appears smooth but with natural wood grain irregularities.

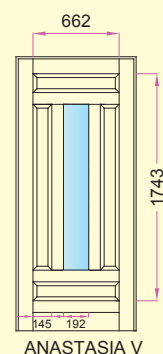
Profilo fresa barocco



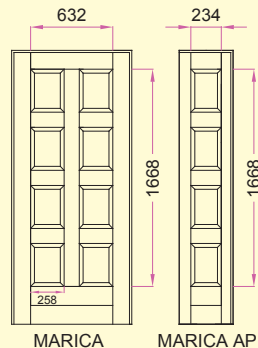
ADELAIDE ADELAIDE AP



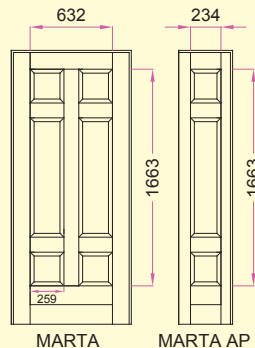
ANASTASIA ANASTASIA AP



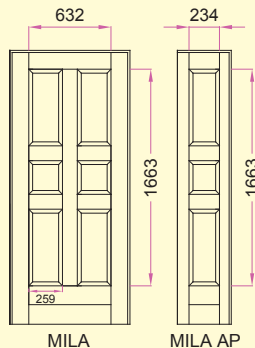
ANASTASIA V



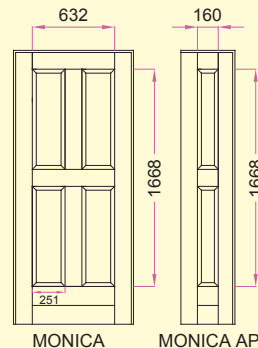
MARICA MARICA AP



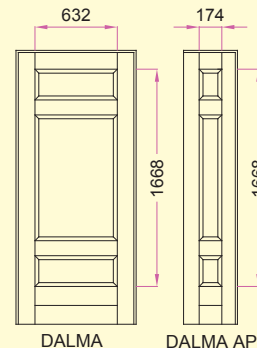
MARTA MARTA AP



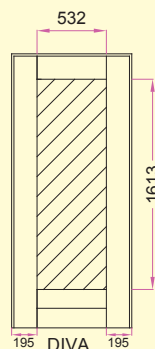
MILA MILA AP



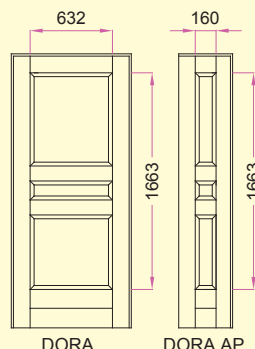
MONICA MONICA AF



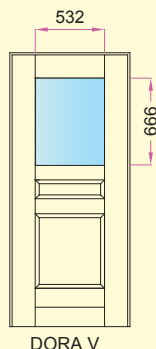
DALMA DALMA AP



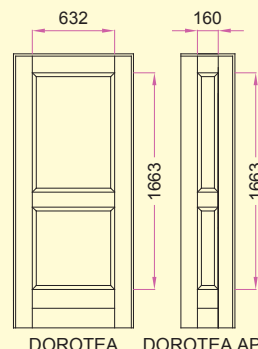
195 DIVA 195



DORA DORA AP



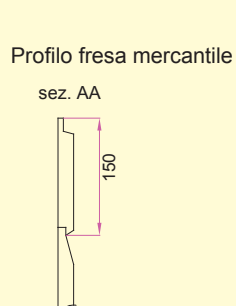
DORA V



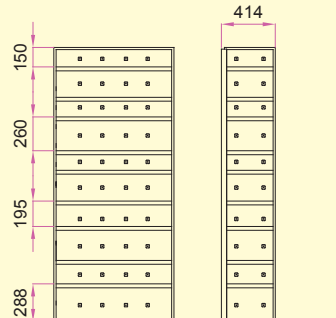
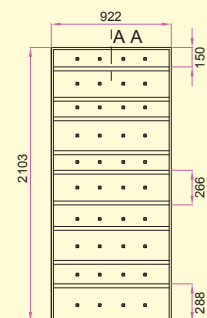
DOROTEA DOROTEA AF



DOROTEA V



Profilo fresa mercantile



MERCANTILE MERCANTILE AP

- All designs are external panels of armored doors 90x210 and small leaf 40x210, by changing the measurements the designs will have variations in their proportions.

- 77

Pantographed Coverings

FOR OUTDOOR USE

The pantographed panels are made of marine Okumè, a material born in the nautical sector and later used for fixtures because of its excellent resistance to the elements and aesthetic appeal.



Model:
Tolosa
Type:
Okumè
Color:
*medium
walnut stain*





Model: *Colonia*
Type: *MDF*
Color: *Ral 1013*



Model: *Colonia*
Type: *Okumè*
Color: *natural*





Model: *Venezia*
Type: *MDF*
Color: *white*



80



Model: *Lisbona*
Type: *Okumè*
Color: *medium walnut stain*





Carpentry Department.



Model: *Siena*
 Type: *Okumè*
 Color: *medium walnut stain*





Model:
Siena V+
Siena AP
Type:
Okumè
Color:
medium walnut
stain





Model: *Perugia*
Type: *Okumè*
Color: *dark walnut stain*



Model: *Firenze (hardwood processing)*
Type: *Okumè veneered with cherry*
Color: *natural*





Model:
Firenze
Type:
Okumè
Color:
**medium wal-
nut stain**



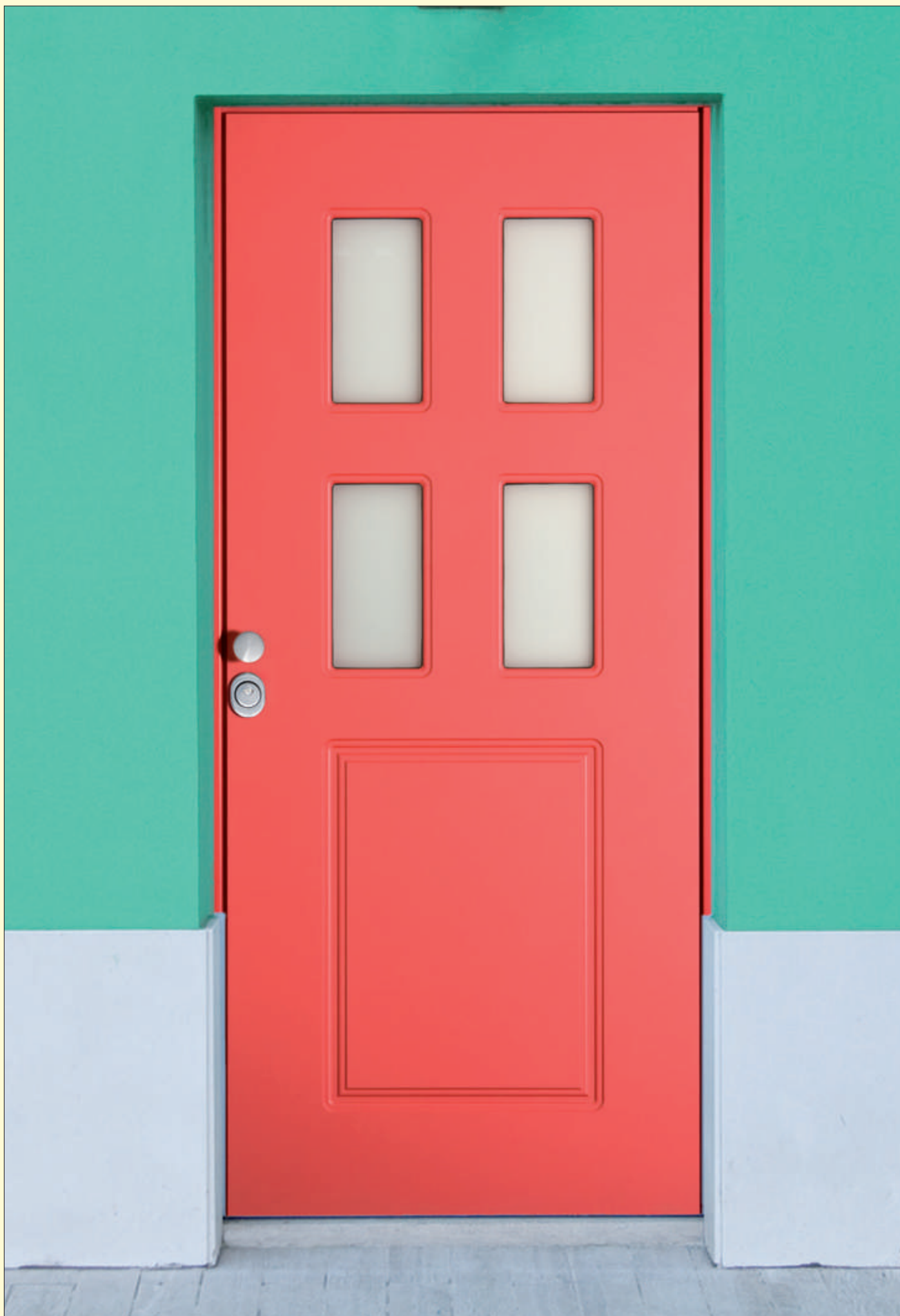


Model: *Firenze V*
Type: *Okumè*
Color: *medium walnut stain*



Model: *Pavia (hardwood processing)*
Type: *MDF*
Color: *Ral 1015*





Model:
Lugano V4
Type:
MDF
Color:
Ral 3031





Model: *Bristol*
Type: *Okumè*
Color: *medium walnut stain*



Model: *Capri*
Type: *Okumè*
Color: *cherry stain*





Model: *EFM M71*
 Type: *Okumè*
 Color: *Cherry stain*
 Inserts: *hand painted fused glass*



Model: *Kea*
 Type: *Okumè veneered with cherry*
 Color: *Ral 4007*





Model: *Lorena P*
 Type: *Okumè*
 Color: *medium walnut stain*
 Detail: *nails*



Model: *Perlinato CL*
 Type: *Okumè*
 Color: *natural*

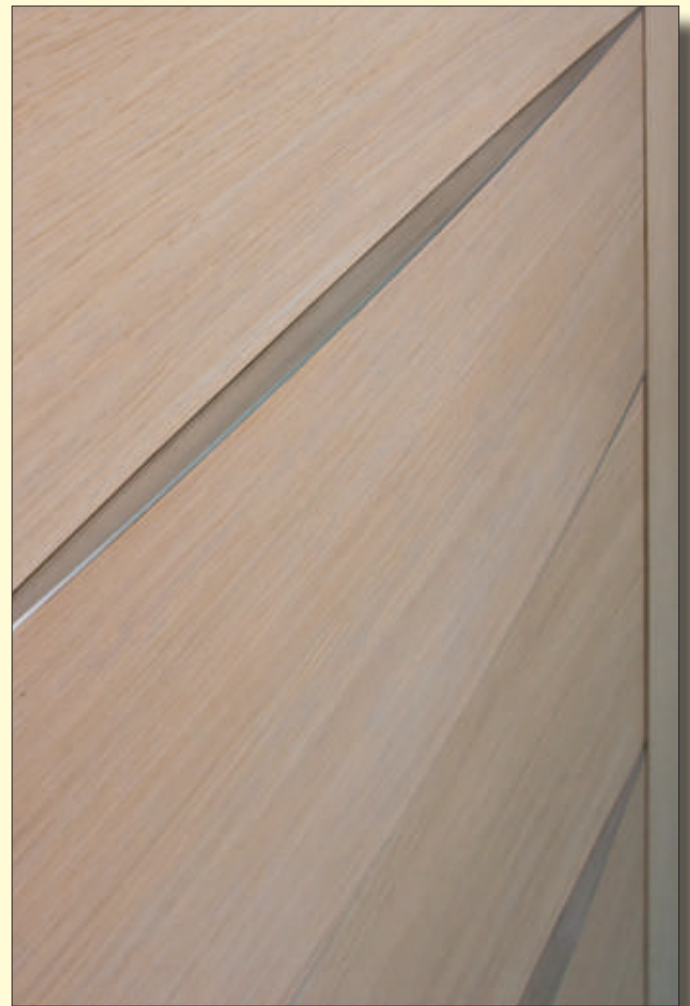




Special processing, wavy center.

Model: *Ola*
Type: *MDF veneered with durmast*
Color: *wenge stain*





Special processing, staggered center.

Model: *Rambla*
Type: *MDF veneered with durmast*
Color: *bleached*
Inserts: *satin chrome*



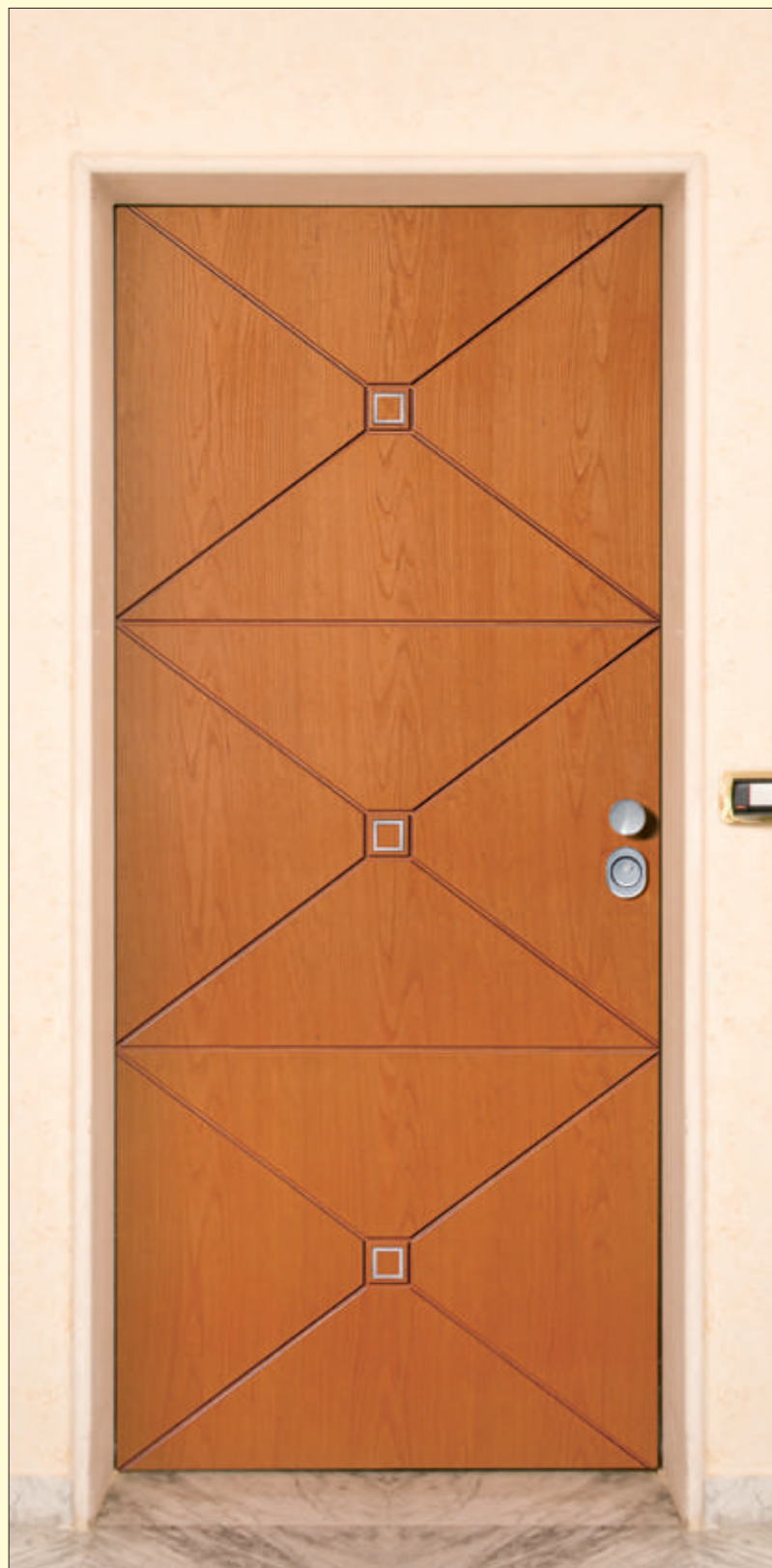


Model:
Rigo
Type:
***Okumè veneered
with durmast***
Color:
wenge stain
Inserts:
satin chrome





Model: **Quadro**
 Type: **Okumè**
 Color: **cherry stain**
 Inserts: **satin chrome**



Model: **Vertice**
 Type: **Okumè veneered with Cherry**
 Color: **natural**
 Inserts: **satin chrome**





Model:
Saffo
Type:
**Okumè veneered
with Cherry**
Color:
natural
inserts:
**cathedral glass +
stainless**





Model: *Punto*
 Type: *Okumè veneered with Durmast*
 Color: *bleached*
 inserts: *satin chrome*



Model: *Zen*
 Type: *Okumè veneered with Durmast*
 Color: *wenge stain*
 inserts: *satin chrome*



Model:
Dolomite
Type:
Okumè
veneered with
Durmast
Color:
wenge stain
Inserts:
satin chrome





Model:
Onda
Type:
MDF
Color:
Ral 4006 (viola)
Ral 9018 (grigio)
Finish:
Transparent



Pantographed Coverings


Available materials:

- Stratified marine parallel fibers Okumè
- Stratified marine parallel fibers Okumè veneered with Durmast (top side and bottom measure 90x210)
- Stratified marine parallel fibers Okumè veneered with Cherry (top side and bottom measure 90x210)
- Lacquered doors are MDF Water-repellent 18 mm.

COLORS OFFERED:

- Light walnut stain.
- Medium walnut stain.
- Dark walnut stain.
- Medium mahogany stain.
- Wenge stain.
- Bleached.

LACQUER:

- We offer all Ral colors , opaque textured finish (embossed).

PAINT water base.





All solid coverings are treated with complete water painting cycles, the paints have the following characteristics:

- Solvent emissions into the atmosphere Very low (only while it dries)
- Release of harmful substances None
- Self Combustion None
- Elasticity and temperature resistance Optimum
- UV filter against yellowing and vitrification..... Yes
- Preservatives against fungi and mold Yes
- Recoating Optimum

5 YEAR GUARANTEE.

For all solid panels that are exposed as indicated below



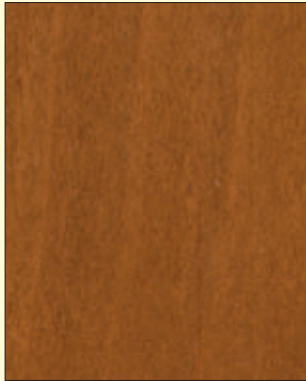
 INDOOR PLACEMENT closed environment	 WELL SHELTERED OUTDOOR PLACE- MENT veranda of at least 3m	 SHELTERED OUTDO- OR PLACEMENT small awning or balcony	 OUTDOOR PLACE- MENT completely exposed
	Lisbona V Lugano Vmf Ola Rambla Rigo Quadro Vertice Punto Saffo Zen Dolomite Onda	Colonia Tolosa Varsavia Venezia Lisbona Siena Siena V Perugia Firenze Firenze V Pavia Madrid	Lucca Arezzo V Lugano V Lugano V4 Bristol Capri Oxford Galles EFM M71 Kea Lorena P Perlinati



COLOR SAMPLES pantographed panels for exterior



OKUMÈ natural,
lightly stained



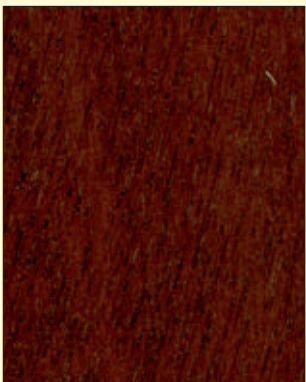
OKUMÈ light walnut stain



OKUMÈ medium walnut
stain



OKUMÈ dark walnut
stain



OKUMÈ medium mahogany
stain



OKUMÈ cherry stain



OKUMÈ veneered with
Cherry lightly stained



OKUMÈ veneered with
Durmast natural
lightly stained



OKUMÈ veneered with
Durmast light walnut stain



OKUMÈ veneered with
Durmast medium walnut
stain



OKUMÈ veneered with
Durmast dark walnut stain



OKUMÈ veneered with
Durmast bleached



OKUMÈ veneered with Dur-
mast wenge stain



MDF LACQUERED Ral 6005
texturized

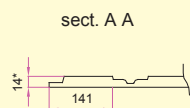
NOTE: Attention, the color samples are representative, but in reality there may be differences presented.

Pantographed Coverings

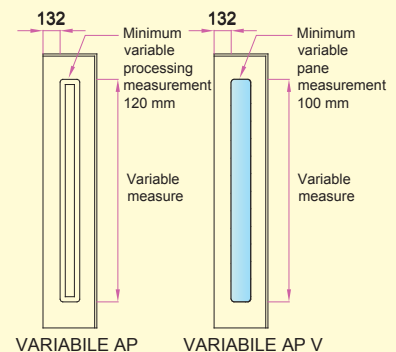
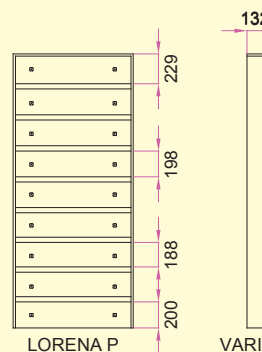
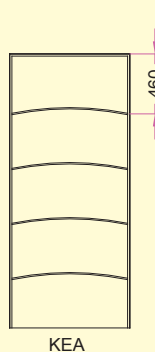
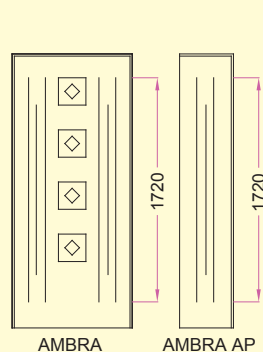
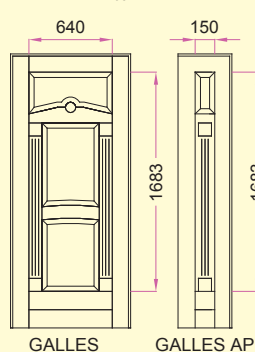
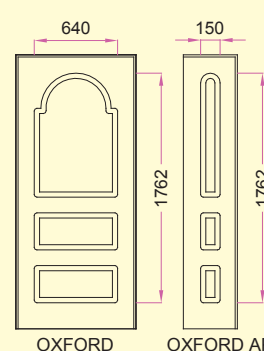
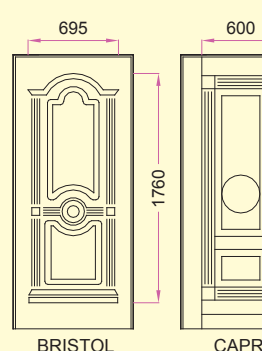
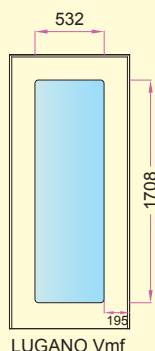
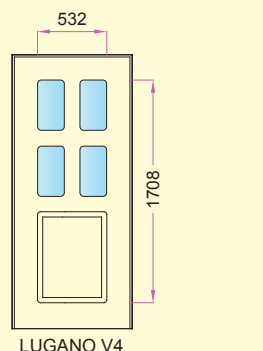
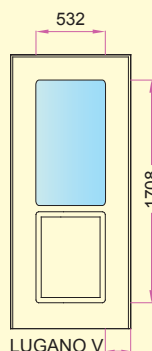
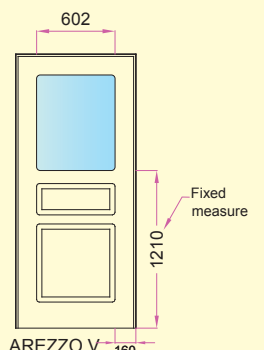
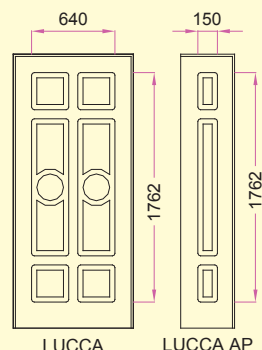
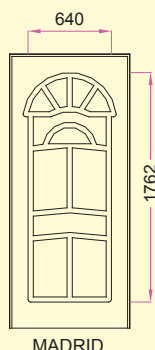
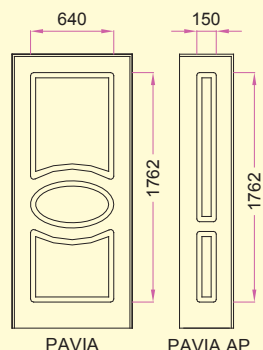
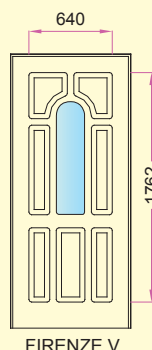
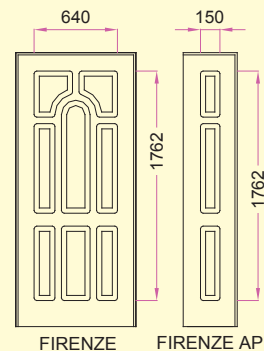
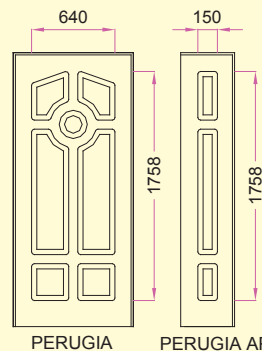
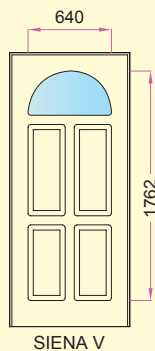
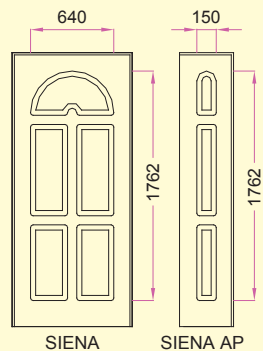
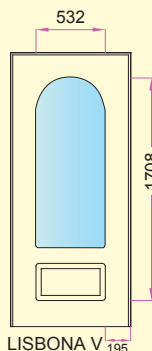
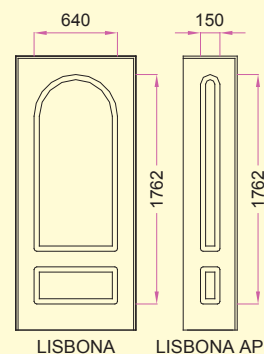
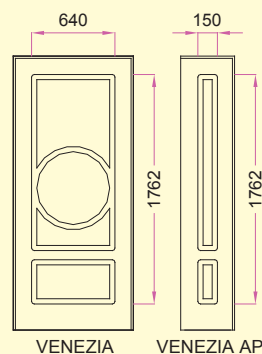
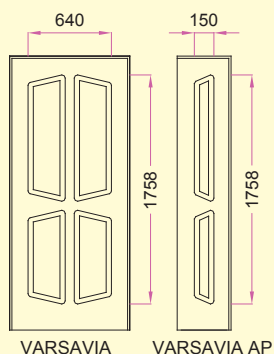
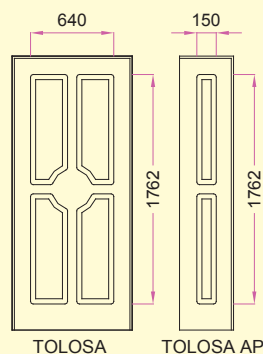
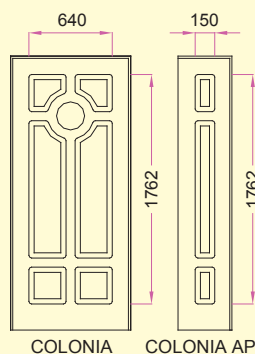
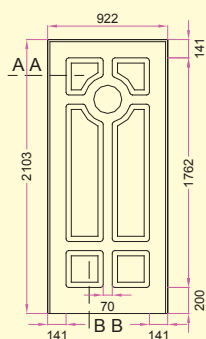
PANTOGRAPHED DESIGNS

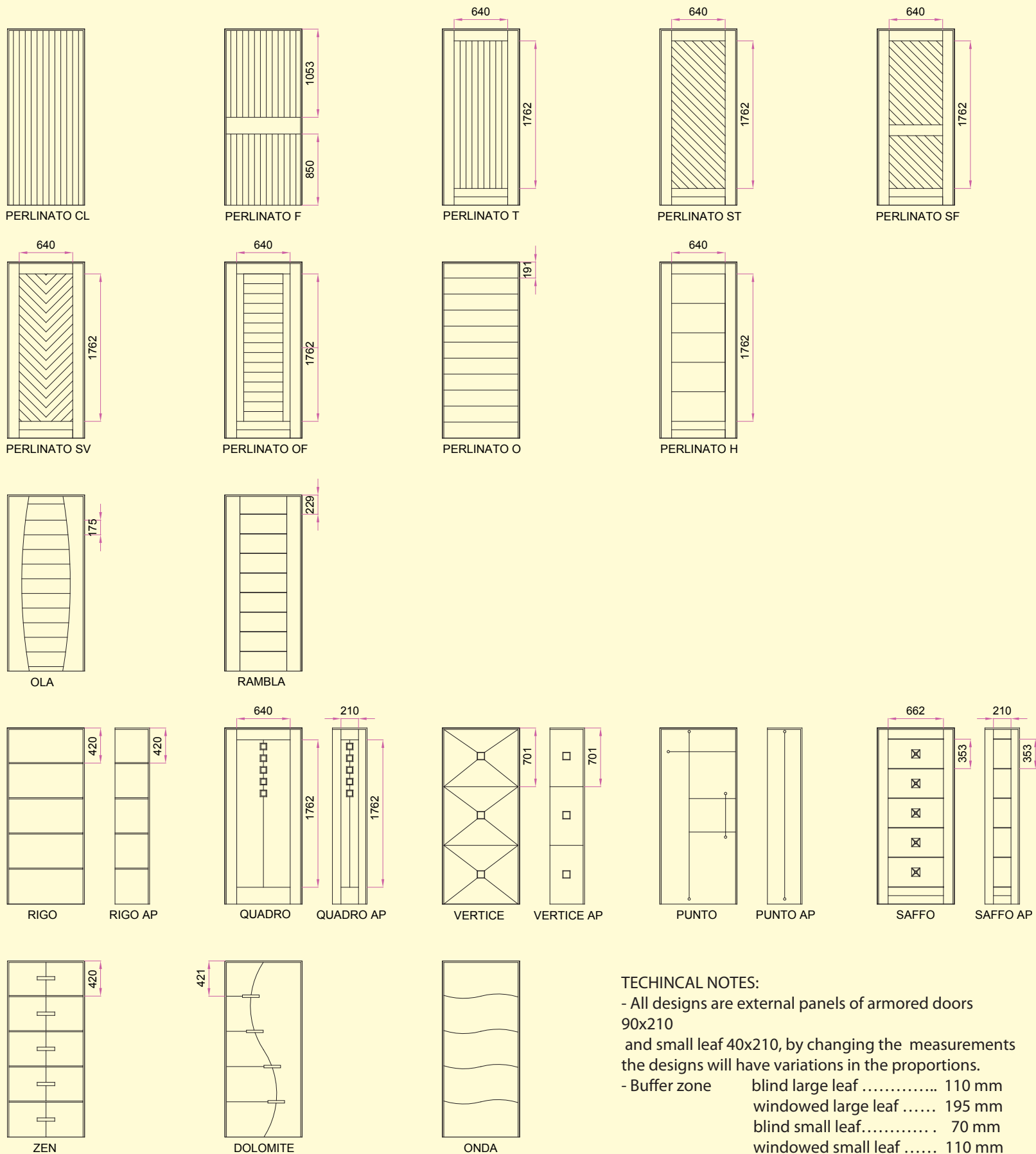
thickness 14 mm*

Most common cut



sect. B B





TECHINICAL NOTES:

- All designs are external panels of armored doors 90x210 and small leaf 40x210, by changing the measurements the designs will have variations in the proportions.
- Buffer zone
 - blind large leaf 110 mm
 - windowed large leaf 195 mm
 - blind small leaf..... 70 mm
 - windowed small leaf 110 mm

MINIMUM REQUIRED MEASUREMENTS per model:

Colonia, Tolosa, Varsavia, Lisbona V, Siena, Perugia, Lucca, Arezzo V, Lugano V-V4-Vmf: 60 cm.

Venezia, Lisbona, Pavia, Oxford, EFM M71, Kea, Perlinato CL-F-T-ST-SF-SV-OF-O-H, Rigo, Quadro, Punto, Saffo, Zen: 50 cm.

Firenze: 65 cm.

Madrid, Bristol, Galles, Vertice: 70 cm.

NOTE: We can create all kinds of pantographed panels after a feasibility check. .

The pantographed panels are from the company "EFM" www.efmlegno.it and "MAS" www.maslegno.it, for other models visit the indicated websites.

Aluminum Coverings

CLASSIC Line

FOR OUTDOOR USE

They do not require any maintenance and with modern processing techniques, their aesthetic appeal and finish are always getting better.



Model:
Algenib/KB +
Algenib/KS
Color:
Renolit
durmast gold
2178001

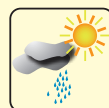




Model: *Auriga/K*
Color: *Renolit walnut 2178008*



Model: *Bellatrix/K*
Color: *Ral 6005*





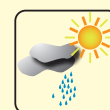
Model: *Ikaro/K*
Color: *Ral 1013*



104



Model: *Perseo/K*
Color: *Kromoss PKA7*





Model:
Miranda/K
+ **Jolly/KG1**
Color:
P 7203
anthracite

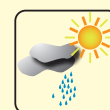




Model: *Rigel/K2*
Color: *Camel series Decoral American walnut*



Model: *Spiga/KG*
Color: *Ral 9001*



STYLE Line
FOR OUTDOOR USE



Model: *Oblò/x1*
Color: *Ral 4008*



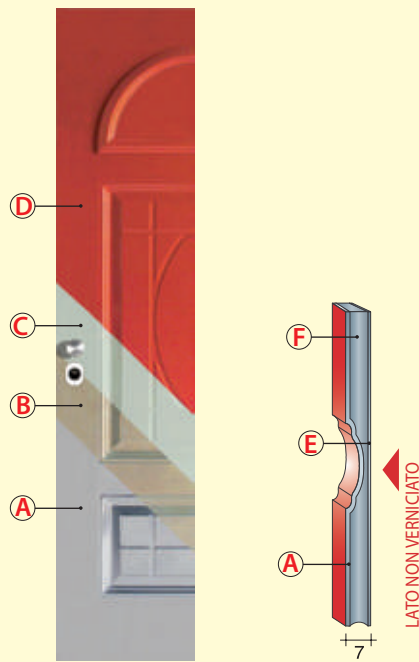
Model: *Rotary/X*
Color: *Ral 7031*



Model:
***Vele/X +
Jolly/XA1***
Color:
Ral 7047



ALUMINUM PANEL with Pirall® isolation



- A Aluminum slab
- B Chromate
- C Protective titanium covering
- D Polyester dust covering
- E Unvarnished aluminum slab
- F Isolation in Pirall® (expanded polyurethane)

Characteristics of Pirall®:

- Compression resistance (ISO 844) kPa 2600 ± 200;
- Thermal conductivity at 10 °C (ISO 8301) mW/m K 31;
- Water absorption (ISO 2896) %3;
- Dimensional stability 48h to 100 (ISO 2796) 1,0;
- Maximum exercise temperature °C + 120 -180;
- Reaction to fire (DIN 4102) class B2 (ISO 3582) <30 mm.

Test results of the aluminum panels with Pirall® isolation:

Corrosion: Uni En Iso 9227 exposed to saline fog for 500 hours no corrosion

Swelling: Panel submerged in water for 8 days..... no swelling

Absorption: Panel submerged in water for 8 days absorption 0,92 grams

Thermaltransfer:(declaredvaluefromthehouseunderconstruction)..... Up=3,5W/m²K



Corrosion.



Swelling.



Absorption.

10 YEAR GUARANTEE.
We give a 10 year guarantee to all aluminum panels in any environment



INTERNAL
PLACEMENT
closed environment

all models



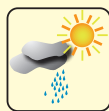
WELL SHELTERED EX-
TERNAL PLACEMENT
veranda of at least 3 m

all models



SHELTERED EXTER-
NAL PLACEMENT
small shelter or balcony

all models



EXTERNAL PLACE-
MENT
completely exposed

all models

Aluminum Coverings

COLOR SAMPLES ALUMINUM PANELS

The color samples consist of three types *Lacquered*, *Renolit*, *Wood stain* which determine the maximum dimensions of the aluminum panels, with or without windows.

Large leaf

- 1 *Lacquered* 125x250 cm
- 2 *Renolit* 110x250 cm
- 3 *Wood stain* 110x230 cm

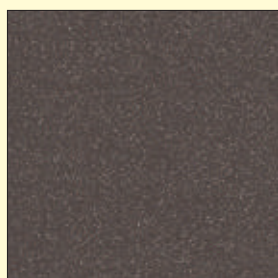
Small leaf

- 1 *Lacquered* 55x250 cm
- 2 *Renolit* 55x250 cm
- 3 *Wood stain* 55x230 cm

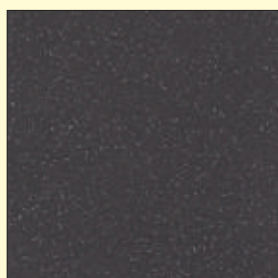
1 LACQUERED

- *Lacquered* all Ral  colors with glossy finish*

- *Lacquered* Royal** colors with opaque finish



P 7003 grinz***
gray



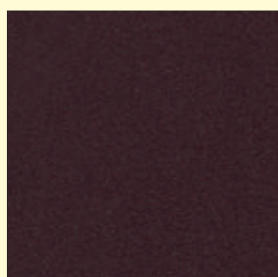
P 7000
dark gray



P 7203 grinz
black smoke



P 7200
brown



Brown grinz



Copper brown grinz



P 7300
dark burgundy



Green grinz



P 7100
green



P 7103 grinz
green



NOTE:

* Opaque can be ordered as well, upon request..

** For other colors not shown above, visit www.royalpat.it

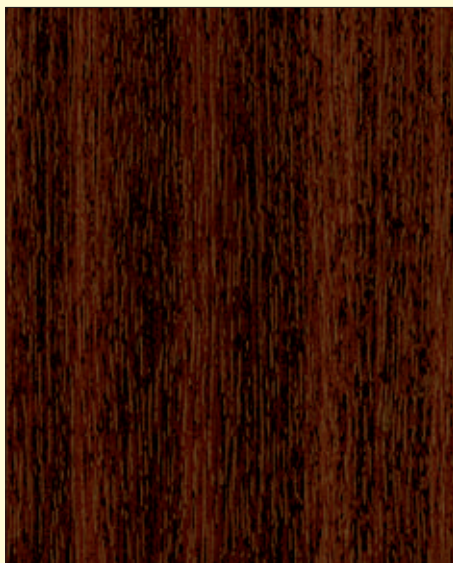
*** The term grinz refers to a textured finish.

2 RENOLIT

Renolit Pvc wood colors



Gold Durmast 2178001



Striped mahogany 2097013



Walnut 2178007



Burnt walnut 2178008



Striped walnut 3149008



Striped durmast 2052090

3 Wood stain

Wood stain, indicate the brand and the color code. Example:

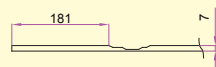
<i>Camel</i>	color code <i>Decoral series, American walnut</i>
<i>Kromoss</i>	color code <i>PKA7</i>
<i>Decoral</i>	color code <i>Walnut B70</i>
<i>Molisana metalli</i>	color code <i>Dark walnut 3404</i>

Aluminum Coverings

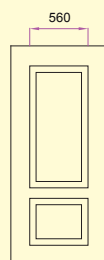
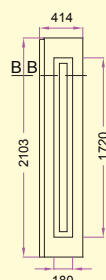
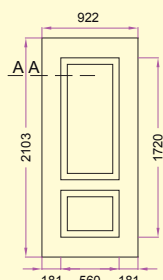
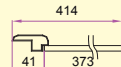
Aluminum Designs CLASSIC Line
thickness 7 mm

Most common
profile

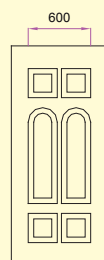
sect. A A



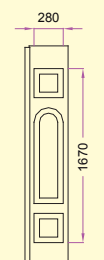
sect. B B



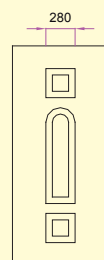
ABACO/K



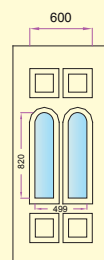
ALDEBARAN/K



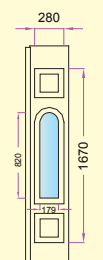
ALDEBARAN/KS



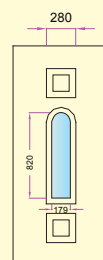
ALDEBARAN/KM



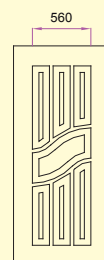
ALDEBARAN/K2



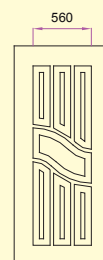
ALDEBARAN/KS1



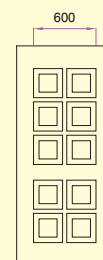
ALDEBARAN/KM1



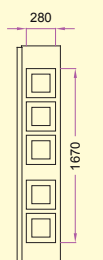
ALEX/K



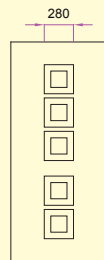
ALEX/KD



ALFA/K



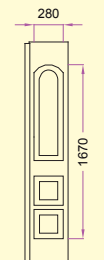
ALFA/KS



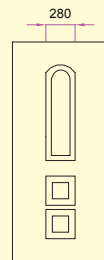
ALFA/KM



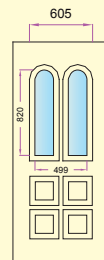
ALFAIR/K



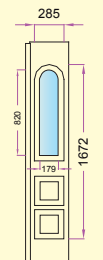
ALFAIR/KS



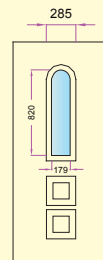
ALFAIR/KM



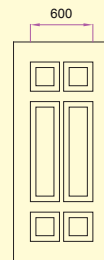
ALFAIR/K2



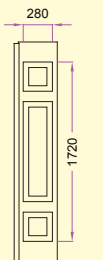
ALFAIR/KS1



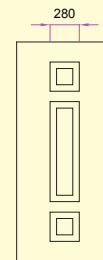
ALFAIR/KM1



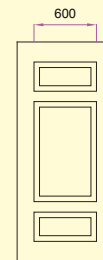
ALGENIB/K



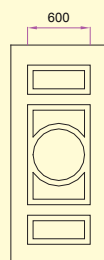
ALGENIB/KS



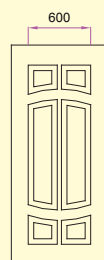
ALGENIB/KM



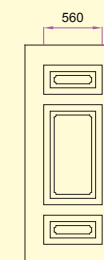
ALGENIB/KB



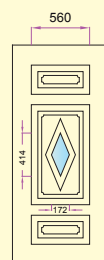
ALGENIB/KC



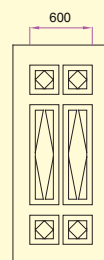
ALGENIB/KD



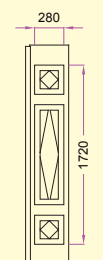
ALGENIB/KE



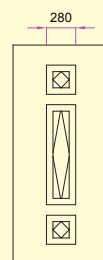
ALGENIB/KE1



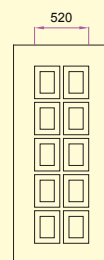
ALIZAR/K



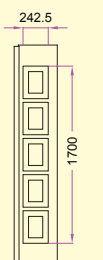
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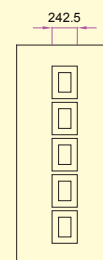
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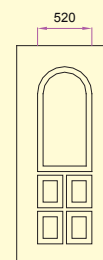
ANTARES/K



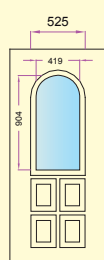
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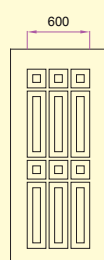
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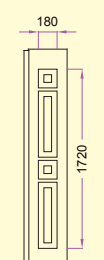
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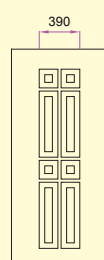
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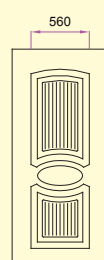
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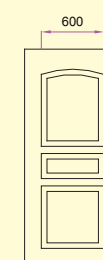
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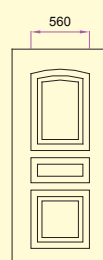
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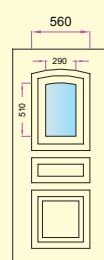
ASTRA/K



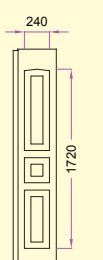
AURIGA/K



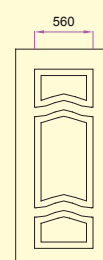
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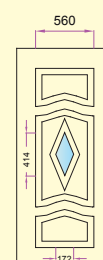
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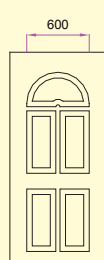
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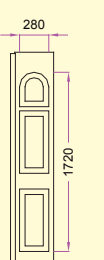
BASILEO/K



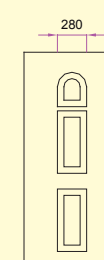
BASILEO/K1



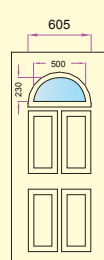
BELLATRIX/K



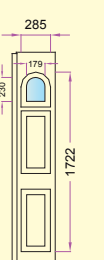
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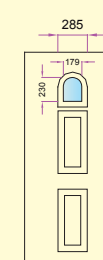
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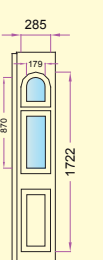
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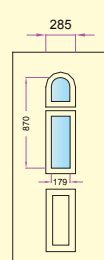
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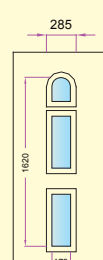
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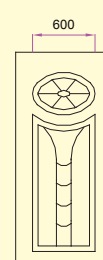
BELLATRIX/KS2



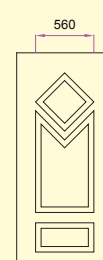
BELLATRIX/KM2



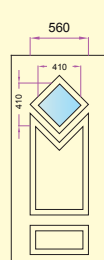
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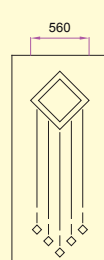
CASSIOPEA/K



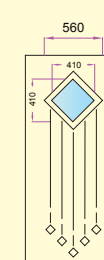
CASTORE/K



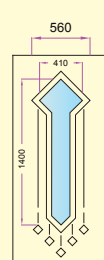
CASTORE/K1



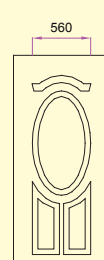
DORADO/K



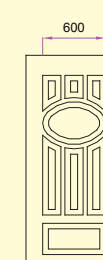
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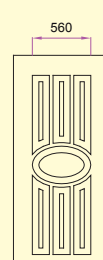
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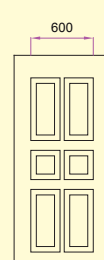
ECHO/K



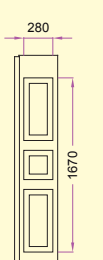
ELISIR/K



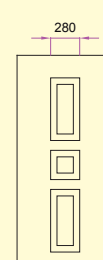
ELISIR/KB



ERIDANO/K



ERIDANO/KS

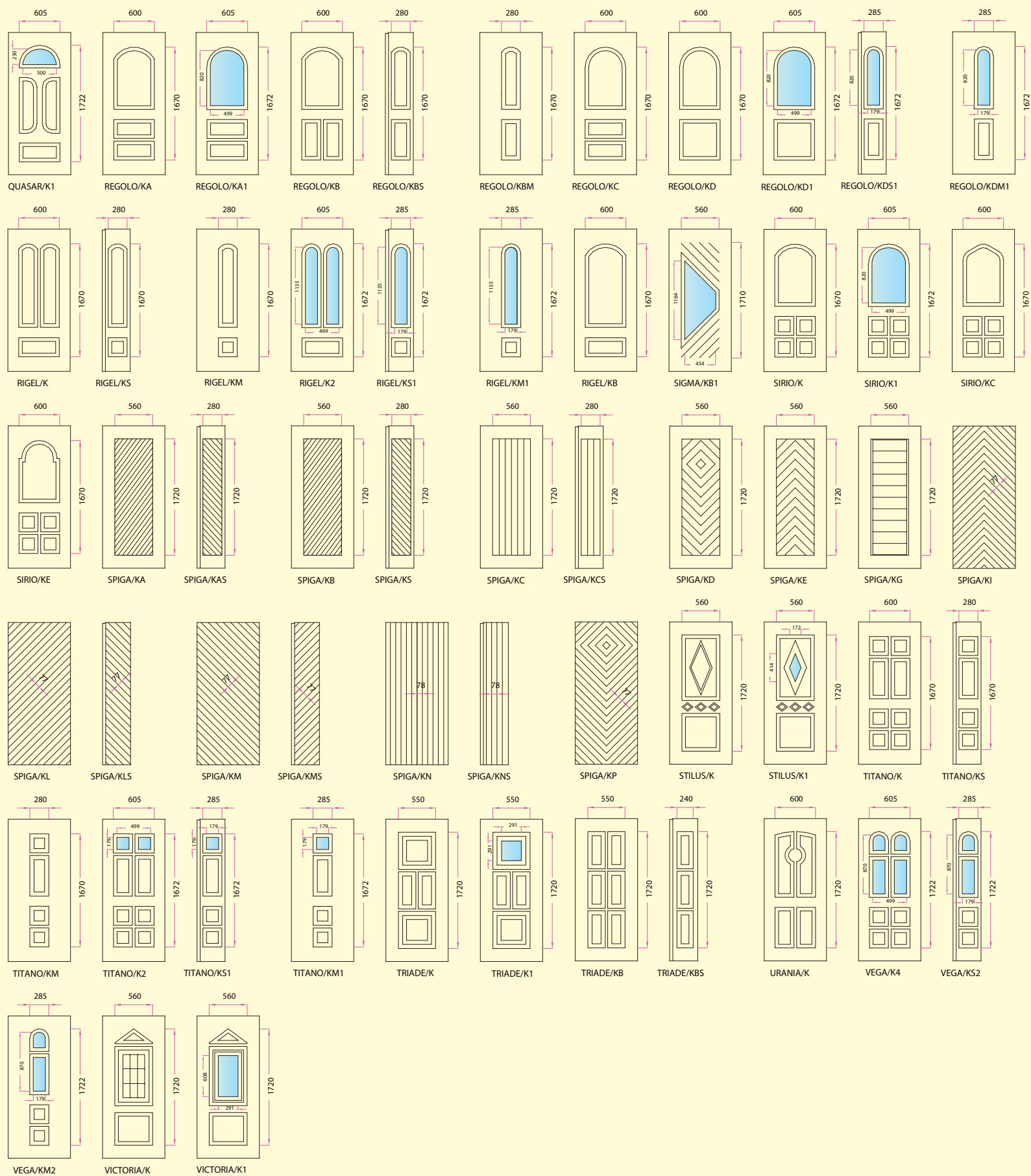


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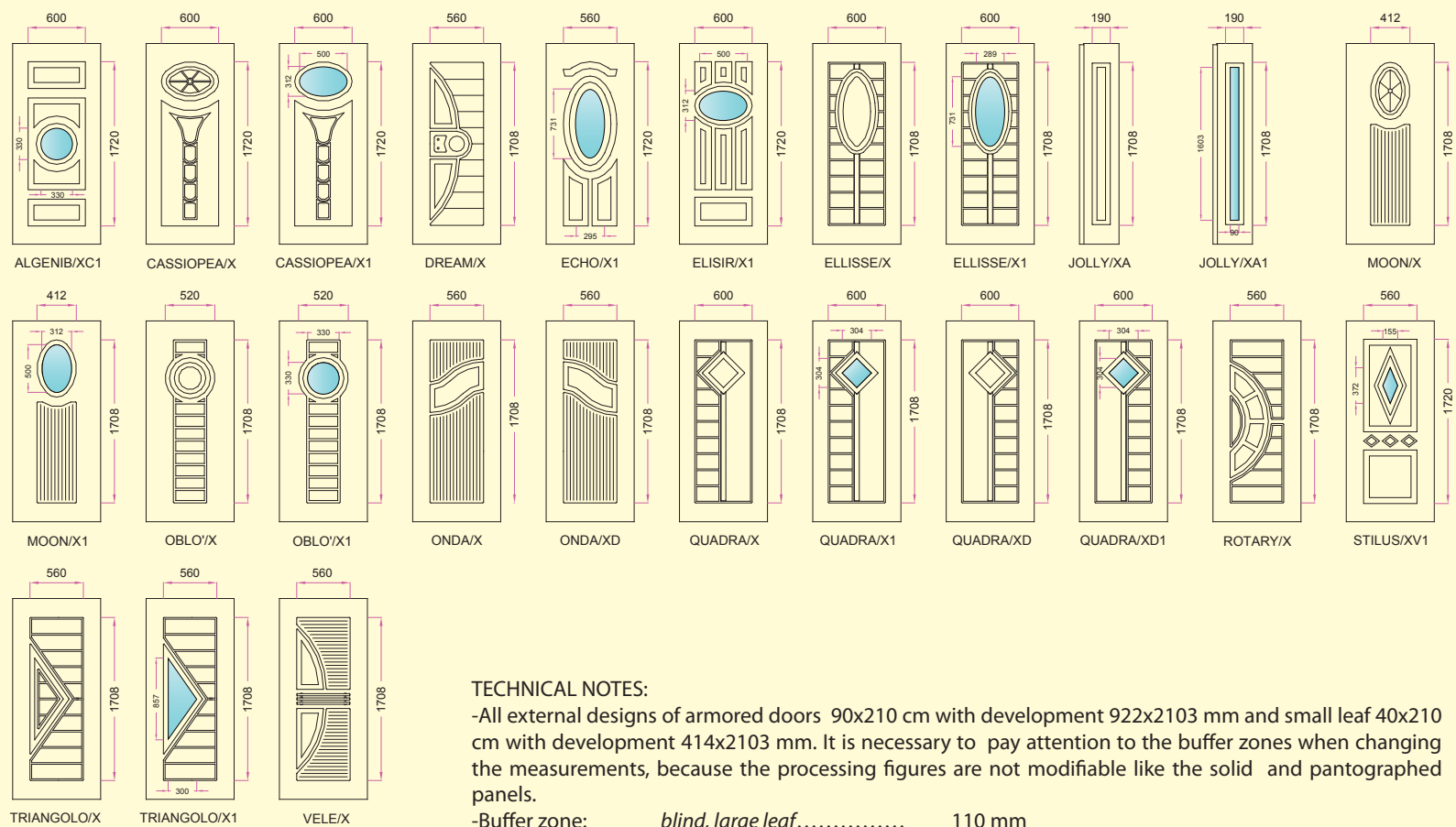


Aluminum Coverings

ALUMINUM DESIGNS CLASSIC Line



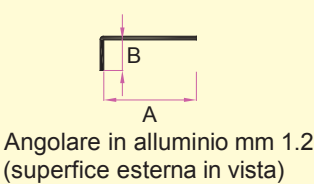
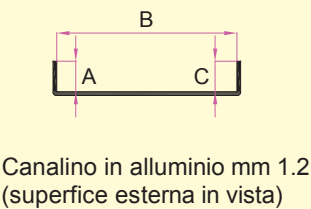
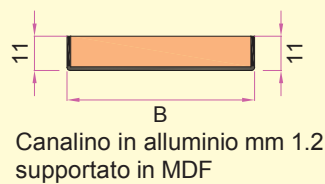
ALUMINUM DESIGNS STYLE Line



Examples:
Ex. 1 - **Algenib/K**, zone of operation 600 mm.
Door width 90 cm = 922 mm. Therefore $922 - 600 = 322$ divided by $2 = 161$ which is more than the *blind, large leaf* buffer zone.
Ex. 2 - **Algenib/K** zone of operation 600 mm.
Door width 77cm = 792 mm. Therefore $792 - 600 = 192$ divided by $2 = 96$ which is less than the *blind, large leaf* buffer zone.
The panel cannot be mounted, otherwise the handles will be within the zone of operation.
Ex. 3 - **Rigel K2**, glass, zone of operation 499 mm.
Door width 90 cm = 922 mm. Therefore $922 - 499 = 423$ divided by $2 = 211,5$ which is more than the *windowed, large leaf* buffer zone.

THE FINISHED PROFILES in aluminum have a fixed length and are indivisible, they vary depending on the color types.

Lacquered 2500 mm
Renolit 2300 mm
Wood stain 2300 mm



PVC Coverings

FOR OUTDOOR USE

Alternative to other external panels. Since the material used is the same as the PVC fixtures, they match easily.



Model:

P-043

Material:

PVC

Color:

436-2048

Medium walnut





Model:
Q-194 V01-Dx
Material:
PVC
Color:
5013.050.167
Cobalt Blue

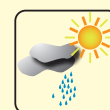




Model: *P-087*
Material: *PVC*
Color: *436-2036 Durmast Gold*



Model: *P-085*
Material: *PVC*
Color: *436-2036 Durmast Gold*





Model:
**Q-087-V01 +
Q-201-V01**
Material:
PVC
Color:
436-5049
Light gray



PVC Coverings

MATERIAL : PVC

SUPPORT : HDF water-repellent 12 mm

5 YEAR GUARANTEE*.

For all windowless PVC panels in any type of placement.



<p>INDOOR PLACEMENT closed environment</p> <p><i>all models</i></p>	<p>WELL SHELTERED OUTDOOR PLACE- MENT veranda of at least 3m</p> <p><i>all models</i></p>	<p>SHELTERED OUTDO- OR PLACEMENT small awning or balcony</p> <p><i>all models PVC with windows</i></p>	<p>OUTDOOR PLACE- MENT completely exposed</p> <p><i>all models</i></p>
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NOTE: *For PVC panels with windows we still offer a 5 year guarantee but only with a sheltered outdoor placement.

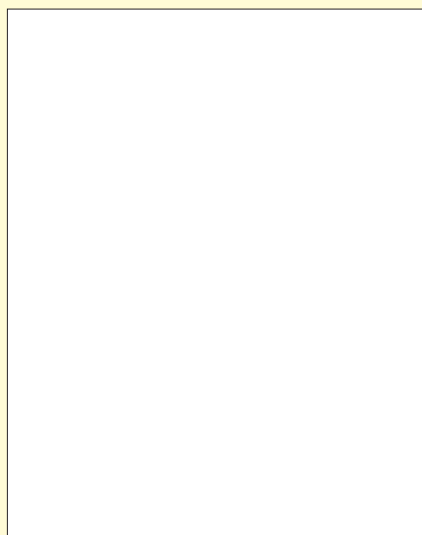
COLOR SAMPLES *Hormschuch* Pvc



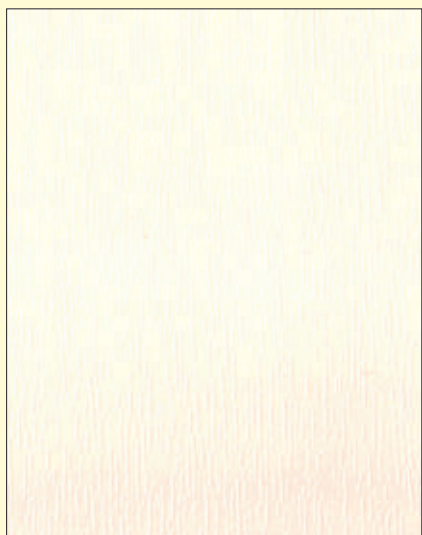
436-2036 Durmast Gold



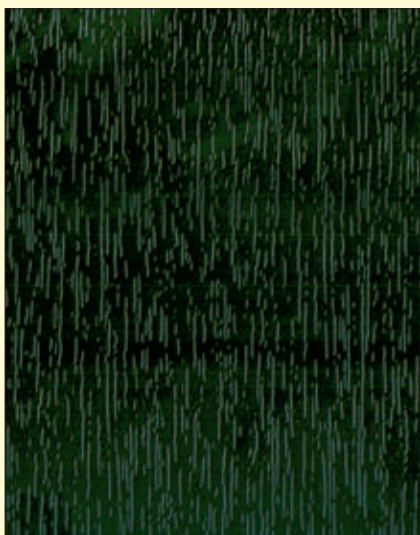
436-2048 Medium Walnut



436-7030 White



456-5015 Cream



436-5021 Dark Green



436-5049 Light Gray



Comparison table for PVC Covering Colors					
Hornschuch code	Renolit Equivalent	Description	Effect/Type	RAL number	Use*
436-7030	9152.05/083	White	Ral Smooth	9016	3
436-6021		Dark Green	Ral Smooth Opaque	6009	
436-6013		Red	Ral Smooth Opaque	3011	
436-6010		Blackish Brown	Ral Smooth Opaque	8022	
436-6003		Anthracite	Ral Smooth Opaque	7016	
436-1809	9294.05/179	White Ash	Ral Wood Effect	9003	8
456-5015	49113	Cream	Ral Wood Effect	9001	5
456-5053	9152.05/168	White 9010	Ral Wood Effect	9010	6
436-5014	6005.05/167	Green	Ral Wood Effect	6005	11
436-5021	6125.05/167	Dark Green	Ral Wood Effect	6009	7
436-5008	3005.05/167	Burgundy Red	Ral Wood Effect	3005	
436-5013	3081.05/167	Red	Ral Wood Effect	3011	
436-5003	7016.05/167	Dark Gray	Ral Wood Effect	7016	
436-5049	7155.05/167	Light Gray	Ral Wood Effect	7001	12
436-5006	5150.05/167	Steel Blue	Ral Wood Effect	5011	
436-5026	5007.05/1670	Bright blue	Ral Wood Effect	5007	
436-2001	2065-021/167	Flamed Mahogany	Wood		
436-2002	2097.013/167	Striped Mahogany	Wood		
436-2007	2052.089/167	Dark Durmast	Wood		13
436-2022	3152.009/167	Douglas	Wood		14
436-2032	3202.001/167	Piedmont Cherry	Wood		
436-2035	2178.008/167	Earthy walnut (flamed)	Wood		4
436-2036	2178.001/167	Gold Durmast	Wood		1
436-2048	2178.007/167	Medium walnut	Wood		2
436-2060	3162.002/167	Macorè	Wood		
436-3031		Pink Birch	Smooth Wood		
436-3041		Natural Sorrento Walnut	Smooth Wood		
436-3042		Balsamic Sorrento Walnut	Smooth Wood		10
436-3043		Amaretto Cherry	Smooth Wood		
436-3058		Amaretto Walnut	Smooth Wood		
436-3059	49367-015	Smooth Earthy Walnut	Smooth Wood		15
436-3062		Colonial Walnut	Smooth Wood		
436-3077	49240-015	Newcastle Durmast khali	Smooth Wood		9
456-3081		Sheffield Light Durmast	Smooth Wood		
436-1011		Mocca Wood	Metallic Smooth Wood		
436-1001		Aluminum	Metallic		
436-1004		Platinum	Metallic		
436-1005		Quartz	Metallic		
436-1007		Bronze	Metallic		
436-1008		Titanium	Metallic		

NOTE: * The number 1 indicates the most popular PVC panel.

TECHNICAL NOTES:

-All external designs of armored doors 90x210 cm and small leaf 40x210 cm. Changing the measurements will cause the designs to differ in proportions.

-Buffer zone:

<i>blind, large leaf.....</i>	110 mm
<i>windowed, large leaf</i>	95 mm
<i>blind, small leaf.....</i>	70 mm
<i>windowed, small leaf</i>	110 mm

- Misura massima dei pannelli in PVC anta grande cm 110x280, anta piccola cm 55x280.

SMALLEST MEASUREMENTS possible for a single model:

Q-006-V01, Q-007-V01, Q-010-V01, Q-015-V01, P-022, P-024, P-035, P-043, P-080 Sx/Dx, Q-085-V01,

P-092 Sx/Dx, Q-102-V01, P-120, P-180, Q-180-V01, Q-181-V01, P-184, P-192, P-195: **cm 65.**

P-006, P-007, P-014, P-015, P-016, P-042, P-063, P-085, P-102 P-123, P-125, P-181: **cm 55.**

P-025, P-028, P-034, P-062, P-067, P-087, P-103, P-127, P-183, P-189, Q-189-V01: **cm 70.**

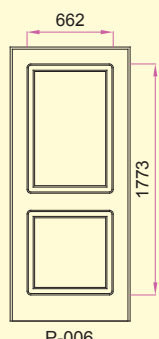
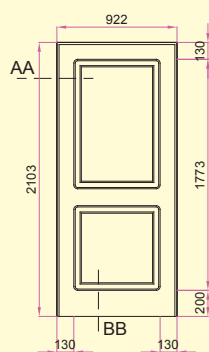
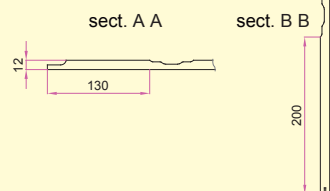
Q-087-V01, P-090, P-104, P-106, P-114, Q-114-V01, P-135, P-137, P-171, P-174, P-188, Q-188-V01, P-194-Dx/Sx, Q-195-V03: **cm 75.**

Q-135-V01, Q-194-V01-Dx/Sx: **cm 80.**

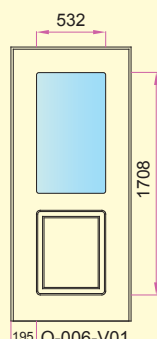
PVC Coverings

PVC DESIGN
Thickness 12 mm

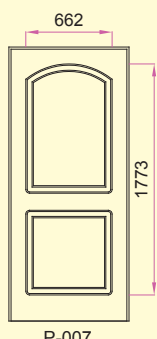
Most used
cut profiles



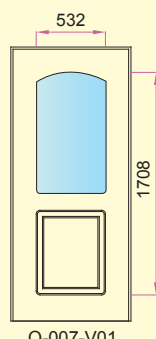
P-006



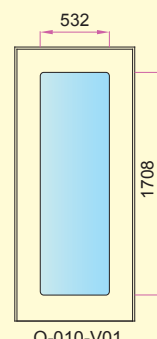
Q-006-V01



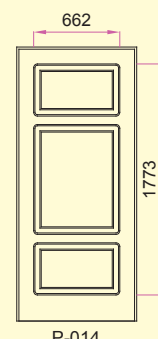
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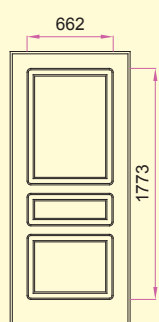
Q-007-V01



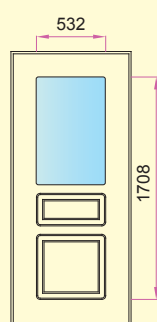
Q-010-V01



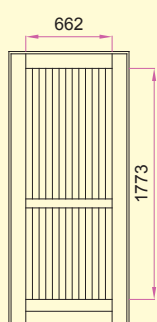
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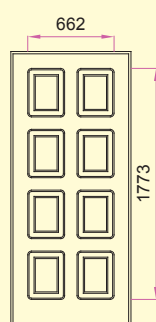
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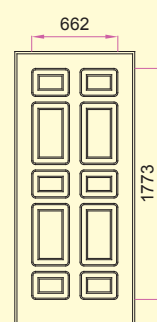
Q-015-V01



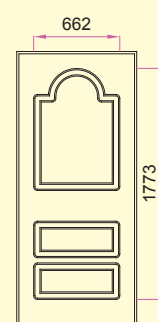
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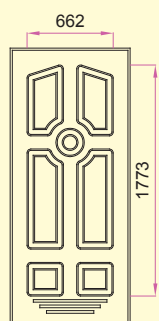
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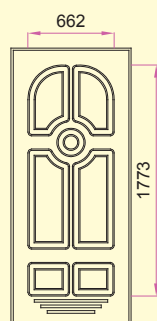
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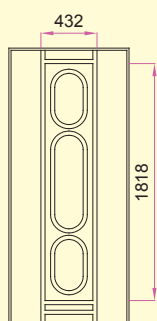
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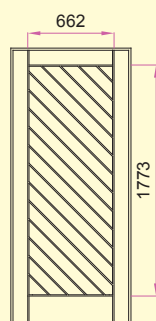
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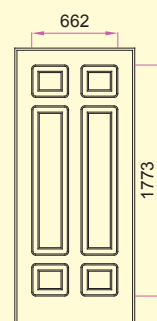
P-034



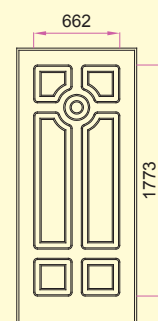
P-035



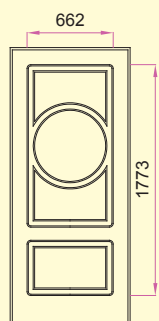
P-042



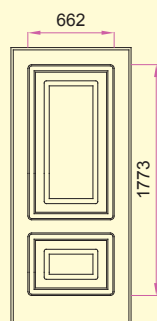
P-043



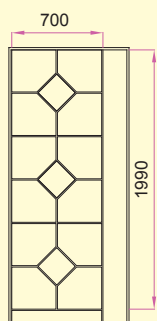
P-062



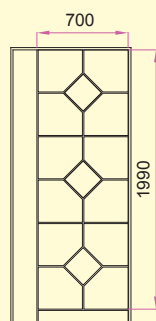
P-063



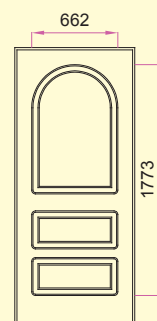
P-067



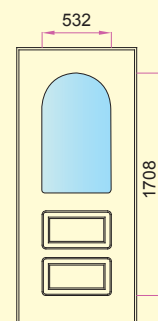
P-080-SX



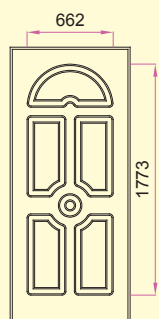
P-080-DX



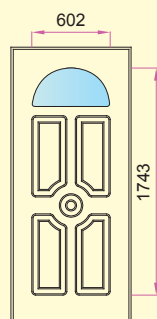
P-085



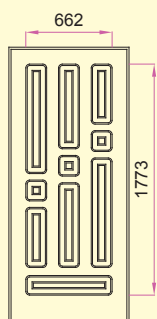
Q-085-V01



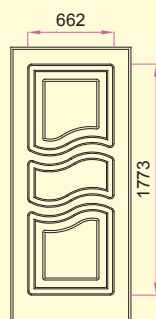
P-087



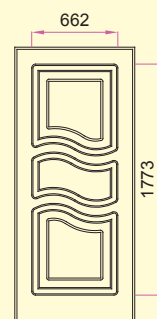
Q-087-V01



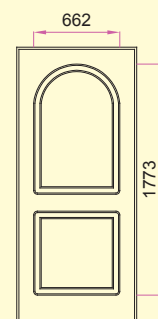
P-090



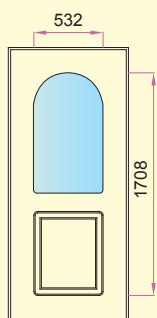
P-092-SX



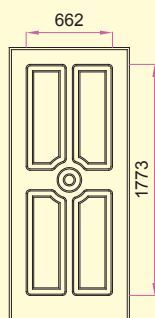
P-092-DX



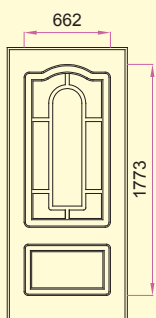
P-102



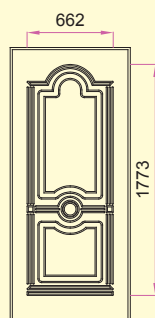
Q-102-V01



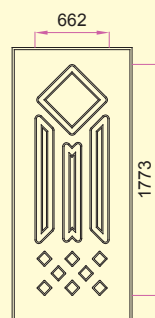
P-103



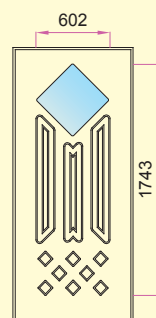
P-104



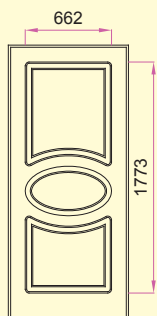
P-106



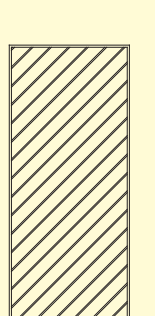
P-114



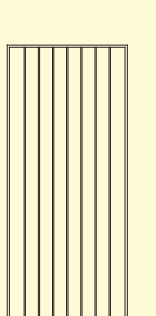
Q-114-V01



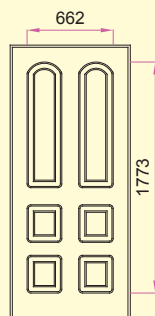
P-120



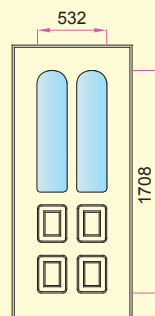
P-123



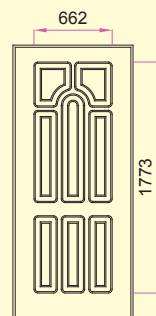
P-125



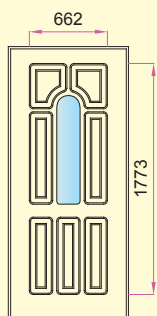
P-127



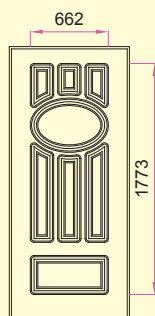
Q-127-V02



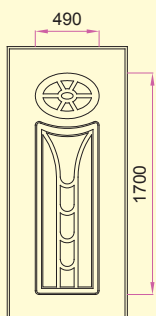
P-135



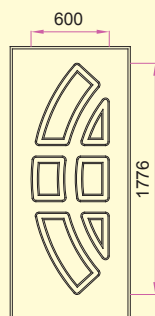
Q-135-V01



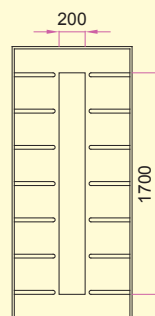
P-137



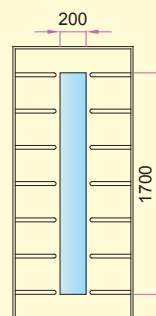
P-171



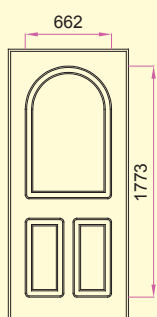
P-174



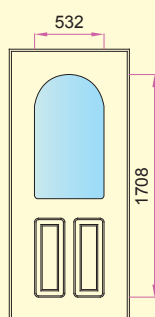
P-180



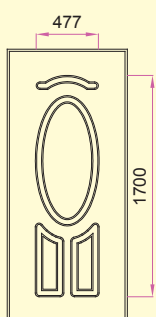
Q-180-V01



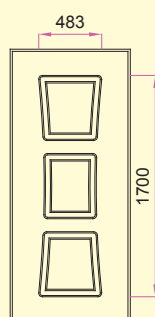
P-181



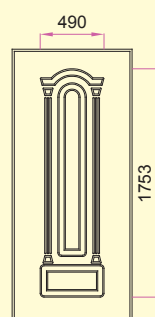
Q-181-V01



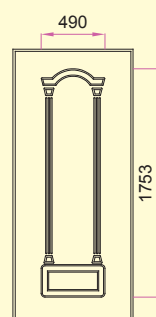
P-183



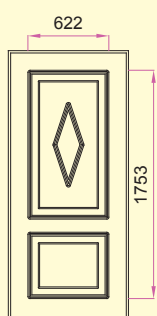
P-184



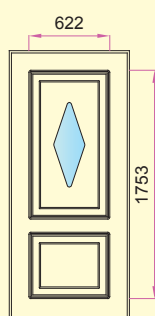
P-188



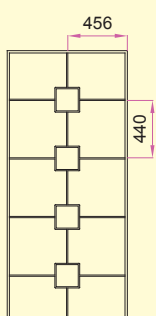
Q-188-V01



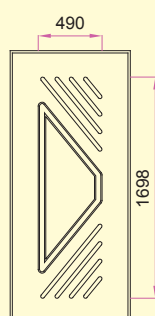
P-189



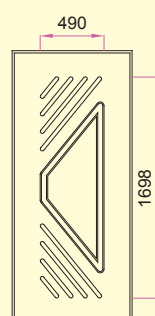
Q-189-V01



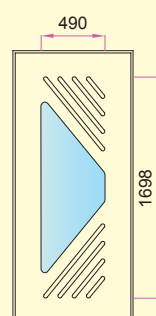
P-192



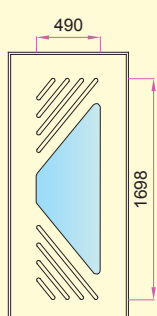
P-194-DX



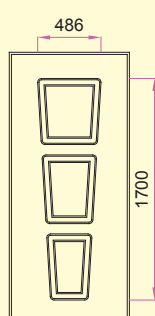
P-194-SX



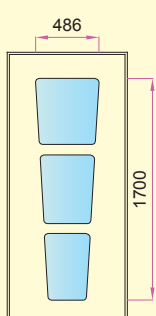
Q-194-V01-DX



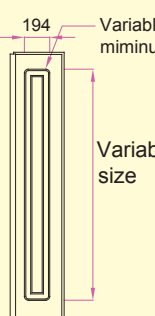
Q-194-V01-SX



P-195



Q-195-V03



P-201



Q-201-V01

NOTE: We can create any kind of PVC panel pending a feasibility check.

Steel Gratings

FOR OUTDOOR USE

The windowed doors and skylights have both function and style. All of the parts are joined together in harmony, while the welds remain hidden.



Model: *Grata forata "D" a campione*
Material: Galvanized steel*
Color: *Textured anthracite*



Model: *Classico 25x200*
Material: *Galvanized steel**
Color: *Textured anthracite*



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NOTE: *Gratings will begin to rust within 3-6 months if placed on a beachfront property.





Model: *Grata liberty LA 110x55 (skylight)*
 Model: *Grata liberty a campione*
 Material: *Galvanized steel**
 Color: *Textured anthracite*



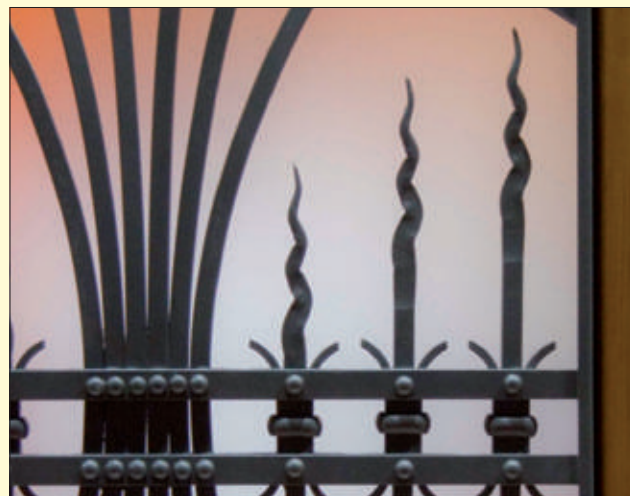
NOTE: The icons pertain to the panels.



Grata forata "D" in detail.



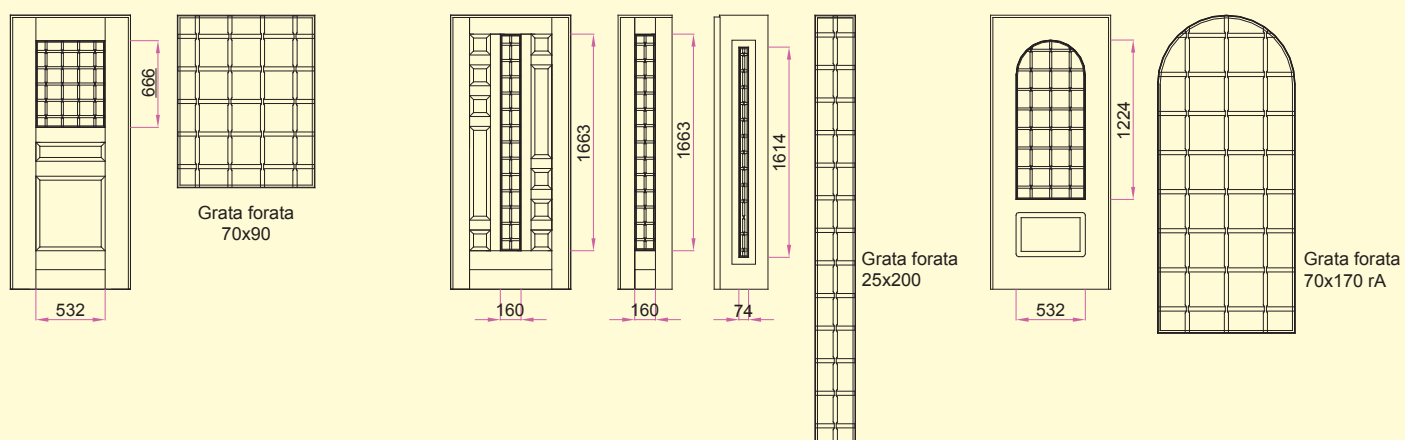
Grata classico in detail.



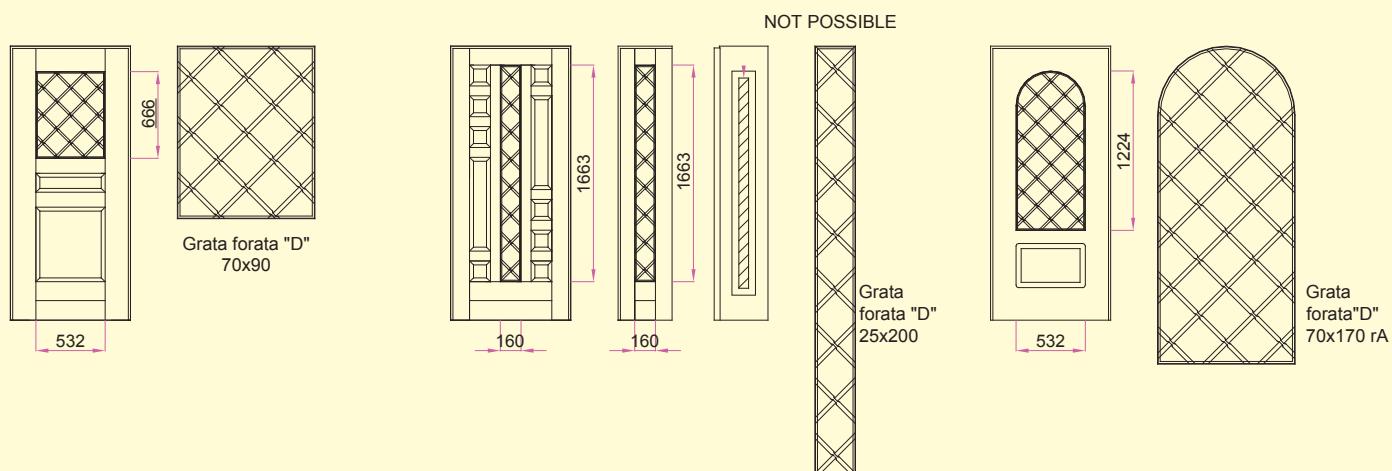
Grata liberty in detail.

GRATING DESIGNS

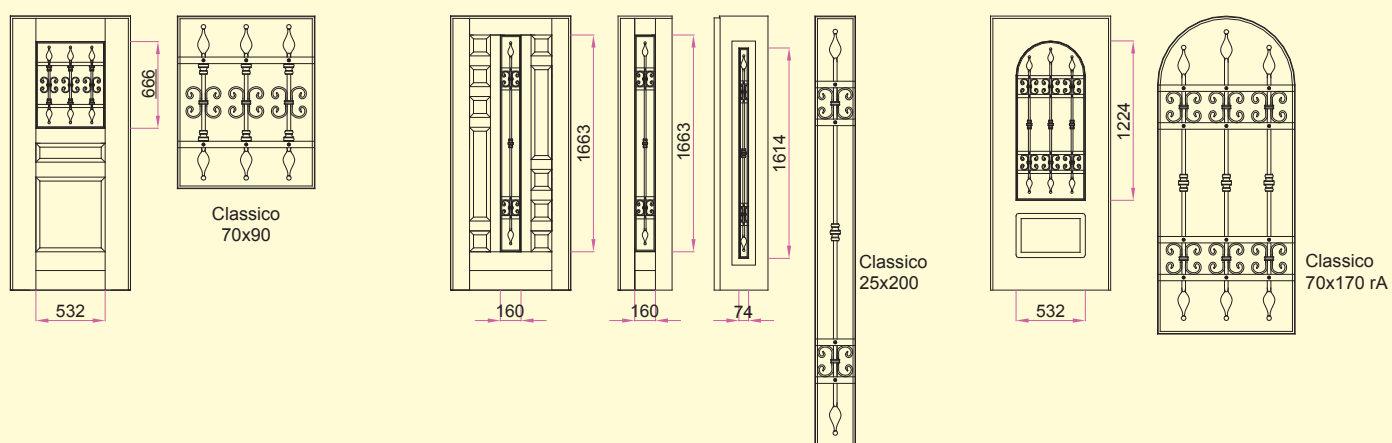
GRATA FORATA



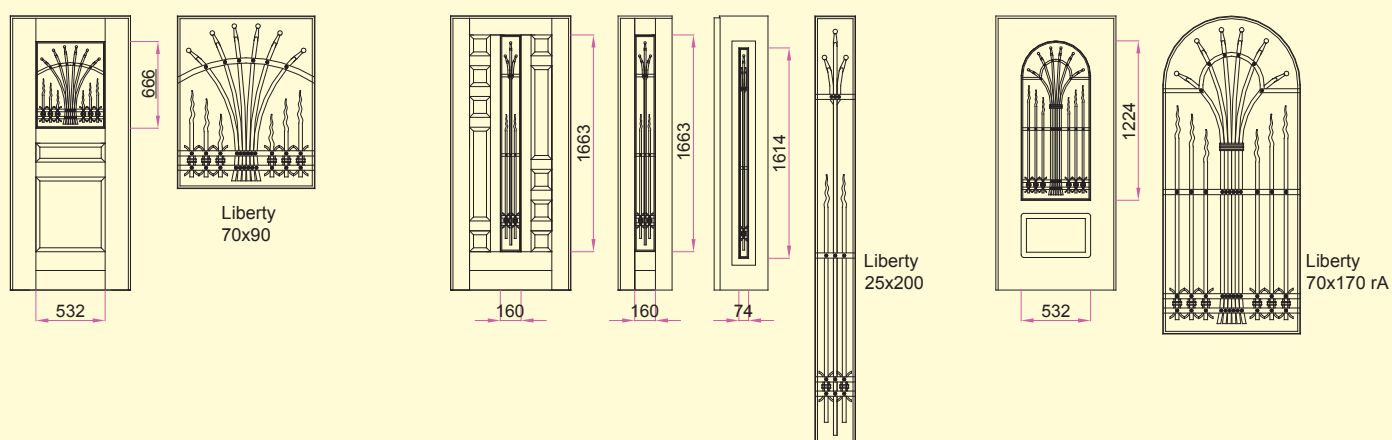
GRATA FORATA "D"

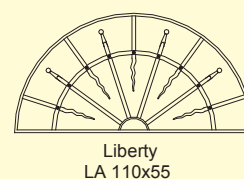
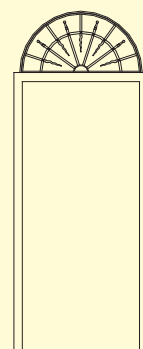
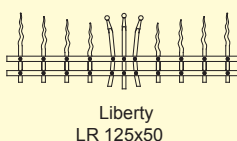
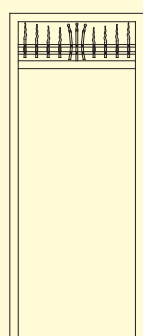
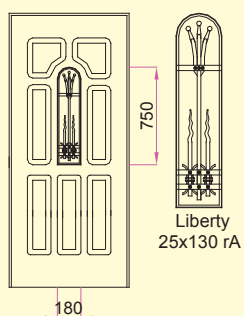
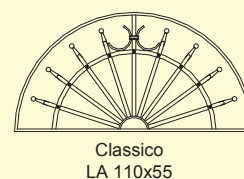
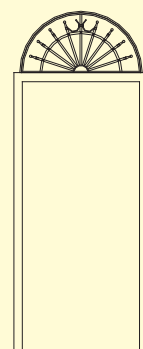
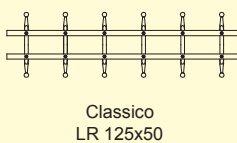
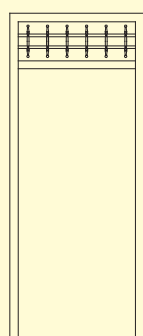
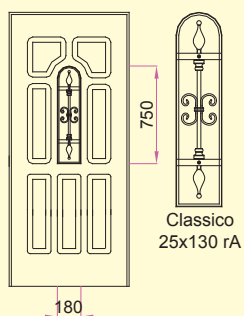
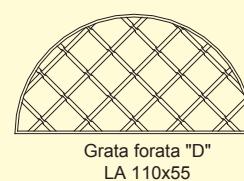
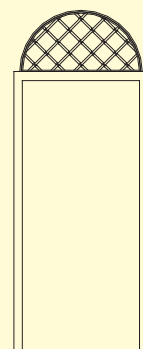
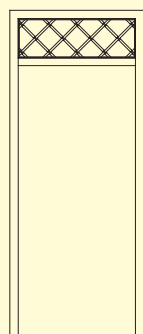
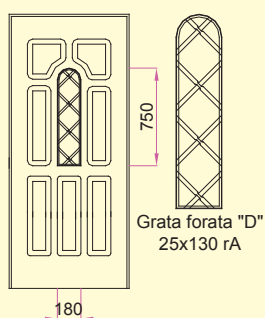
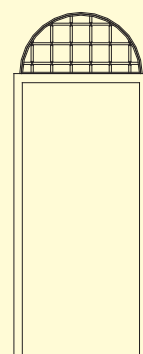
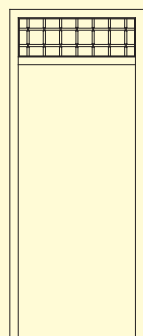
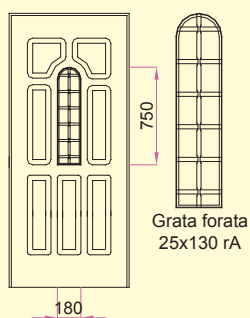


CLASSICO



LIBERTY





TECHNICAL NOTES:

- All designs pertain to a 90x210 armored door and small leaf 40x210, by changing the size of the gratings there will be variations in the proportions.
- The gratings on the skylights are welded to the frame, therefore they have the same color as the frame.
- We can create a sample grating pending a feasibility check.

Awnings

Our awnings are beautiful, they provide shelter from the rain and protect the door from the elements.



Model:
Classico
Color:
Anthracite
Glass:
Neutral Satin



MATERIALS:

- Shelf structure: stainless steel AISI 430
- Other structural parts: extruded aluminum alloy 6060
- Paint: polyester powder baked at 200° C
- Cover: acrylic glass shockproof Poly-Plex (plastic), 4 mm thick

CERTIFICATION:

- Snow load: up to 200 Kg / m²
- Wind Resistance: 100 Kg / m²
- Resistance to saline fog: 500 hours

GUARANTEE

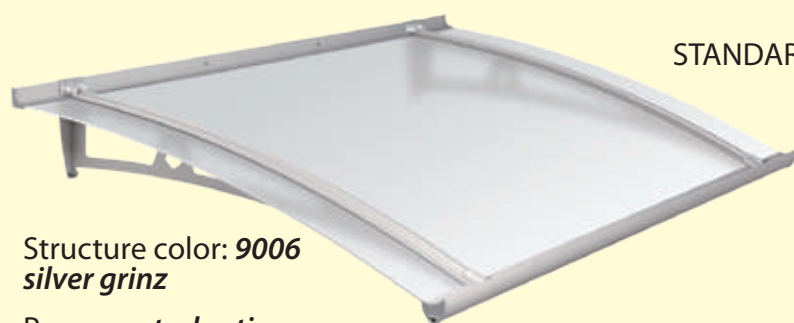
Awnings **GUARANTEE 10 YEARS**, but are made to last a lifetime.



Model: MODERNO

Model: CLASSICO

STANDARD models

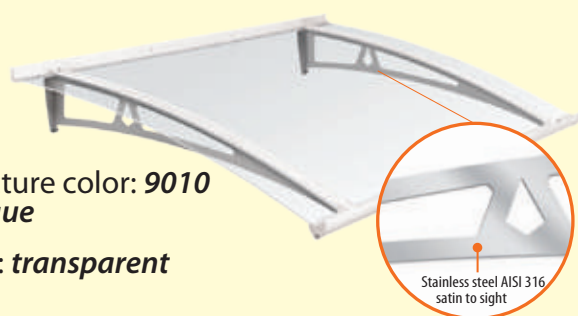


Structure color: **9006 silver grinz**
 Pane: **neutral satin**



Structure color: **anthracite**
 Pane: **neutral satin**

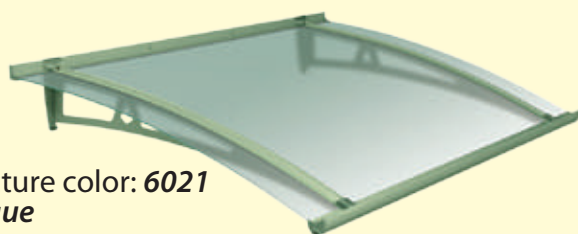
PREMIUM models (surcharge)



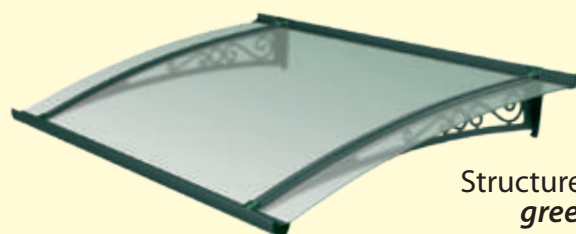
Structure color: **9010 opaque**
 Pane: **transparent**



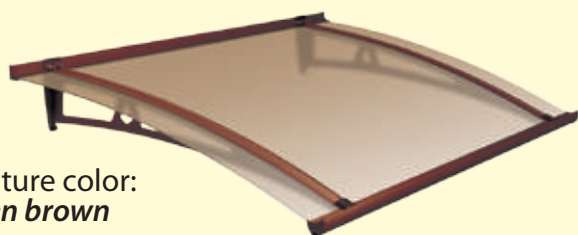
Colore struttura: **9006 silver grinz**
 Pane: **transparent**



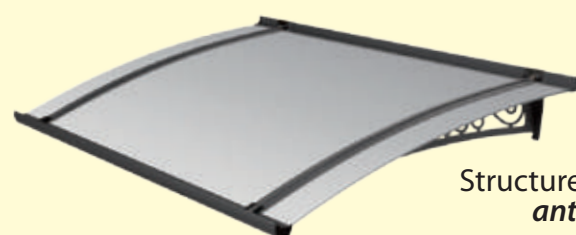
Structure color: **6021 opaque**
 Pane: **bottle green**



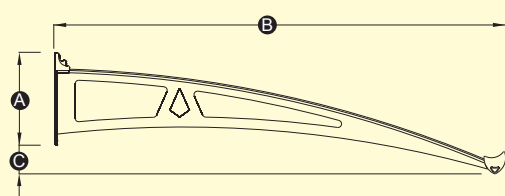
Structure color: **green grinz**
 Pane: **bottle green**



Structure color: **corten brown**
 Pane: **bronze**

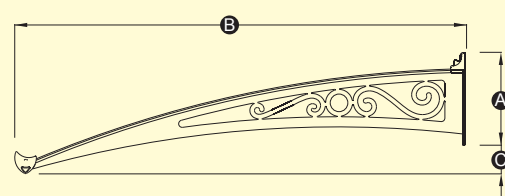


Structure color: **anthracite**
 Pane: **solar control**



STANDARD SHELF

B	750	1000	1250	1500
A	165	205	240	280
C	45	65	80	90



FAUX FINISHES

CAPITONNE'

FOR INDOOR USE

PADDED PANELS FOR OUR ARMORED DOORS ...*truly a touch of class.*

Model:
Capitoné
Material:
Faux Leather
Color:
Burgundy





Adding the finishing touches to the Capitone' covering



Special edge finish for capitone' panel.



Model: *Capitonné*
Material: *Faux Leather*
Color: *Wood-brown*



Model: *Capitonné*
Material: *Faux Leather*
Color: *White*



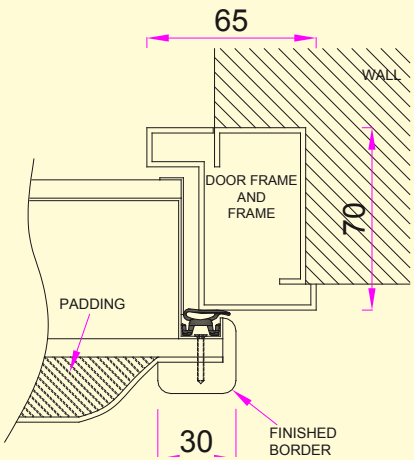
FEATURES

- MDF support 6 mm.
- Sound-absorbing foam padding 30 mm.
- 20 mm diameter buttons.
- Fireproof faux leather with high wear resistance.
- Properties: good thermal insulation, excellent sound insulation.

BORDER FINISH

The standard border finish is done with Kotò wood, medium walnut stain. You can improve the look by matching the color of the frame and the border with the capitonné' covering with the following RAL colors:

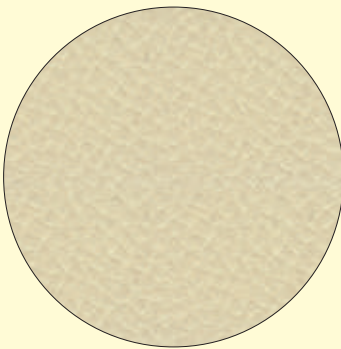
- | | | | |
|---------------------|--------------|--------------------|--------------|
| - White | con Ral 9016 | - Bush Green | con Ral 6005 |
| - Creamy white..... | con Ral 1015 | - Sky blue... | con Ral 5024 |
| - Wood-brown* ... | con Ral 8007 | - Yellow | con Ral 1004 |
| - Burgundy* ... | con Ral 8015 | - Anthracite..... | con Ral 7016 |



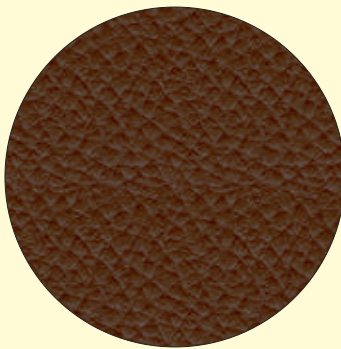
COLOR SAMPLES** capitonné panels



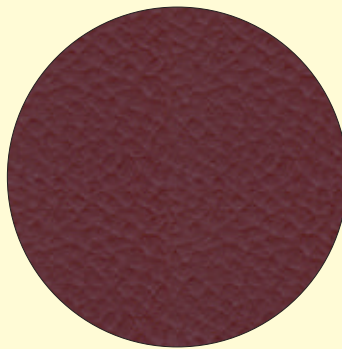
White



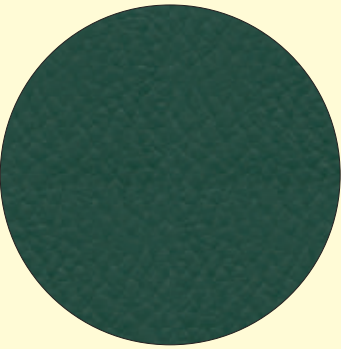
Cream white



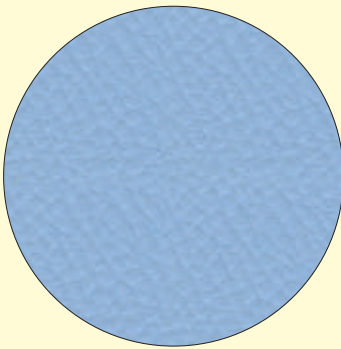
Wood-brown



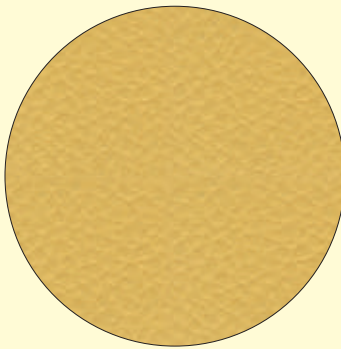
Burgundy



Bush Green



Sky Blue



Yellow



Anthracite

NOTE:

* As can be seen from the photos, wood -brown and burgundy are already well-matched with the medium walnut stain Kotò border finish.

** For other colors not in the catalog please visit our website www.piacentinisrl.it and click on the capitonné tab.

Attention, the color samples are representative, but in reality there may be differences presented.

Faux Finishes

LEATHER LINE

FOR INDOOR USE

You will be amazed how these panels simulate the feel of leather.

Model:
LL Rombo 85
Material:
Faux Leather
Color:
Cream



FEATURES

- MDF support 3-6 mm.
- Faux leather polystyrene composite thickness from 5.5 to 2.7 mm.
- High wear resistance.
- Properties: good thermal insulation, good sound insulation.

SAMPLE PROCESSING AND COLORS * leather line panels

Workmanship: Diagonal double stitching 85x85 mm
Faux Leather: thickness 5.5 mm



LL Rombo 85 Mocca matt
Finish: opaque



LL Rombo 85 Creme
Finish: opaque

Workmanship: 40x40 mm diagonal stitching
Faux Leather: thickness 5.5 mm



LL Rombo 40 Mocca matt
Finish: opaque



LL Rombo 40 Creme
Finish: opaque

Workmanship: cast mold, floral design in relief
Faux Leather: thickness: 2.7 mm



LL Floral White Silver matt
Finish: semiglossy

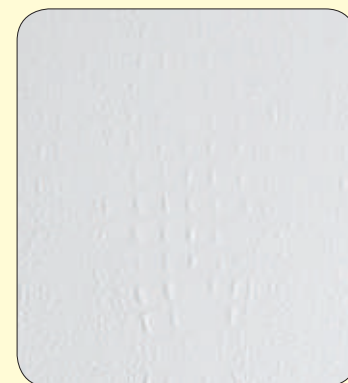


LL Floral White Gold matt
Finish: semiglossy

Workmanship: crocodile skin
Faux Leather: thickness: 3.3 mm



LL Croco Black
Finish: opaque



LL Croco White
Finish: opaque

Workmanship: wrinkled (ridged)
Faux Leather: thickness: 2.8 mm



LL Crepa Nero matt
Finish: opaque



LL Crepa Aubergine
Finish: glossy

TECHNICAL NOTES:

The Faux Leather panel measurements are 1000x2612 mm, it is possible to create an armored door with a maximum net light of 95x260 cm

Special Coverings

INDOOR/OUTDOOR

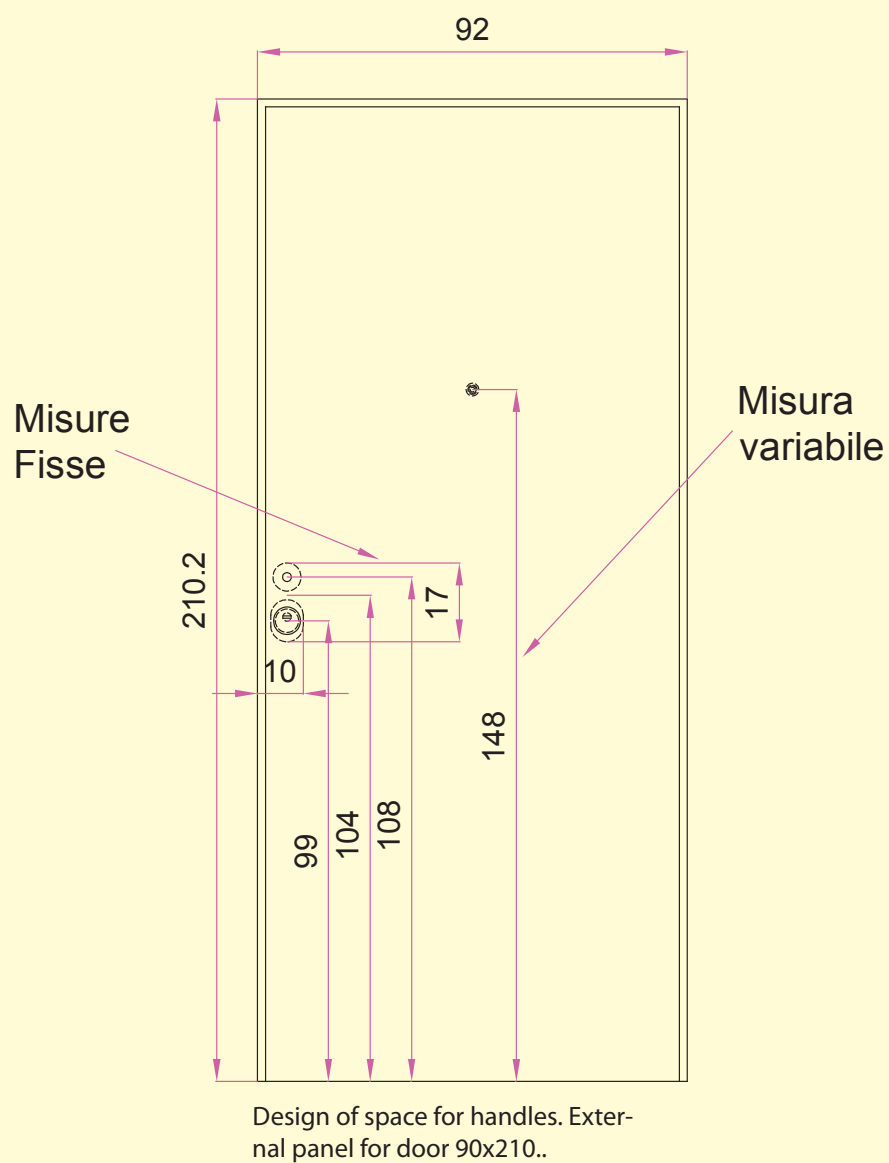
The endless varieties of special coverings available have kept us from including them all in the catalog, instead we have chosen to group together the most popular models based on their cuts and type of processing. The special coverings are commonly used to reproduce existing door panels; we are experts in this line of work. In this part of the catalog we try to guide our designs in such a way so as to relay precise data and avoid errors.



Frames with relief.
Poplar root, frame and panels are salvaged from the existing door.



- Minimum buffer zone from the border: large leaf 11 cm, small leaf 6 cm.
- When there are frames with relief surfaces or other, always section them, specifying which is the outer side.
- When not specified, the hole for the door knob is always made above the lock.
- The peephole is always 148 cm high, or lower in case of an obstruction.



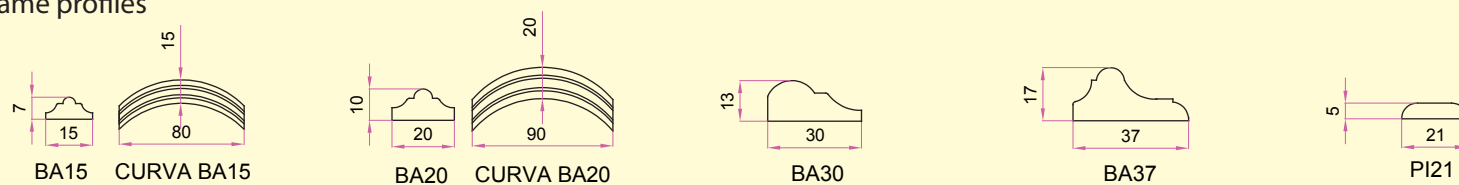
- Special coverings *superimposed frames*
- Special coverings *frames with relief surfaces*
- Special coverings *various profiles*
- Special coverings *Pine or Douglas, commercial decoration*
- Special coverings *Laminated "Abet"*
- Special coverings *Remaining doors*

Special Coverings

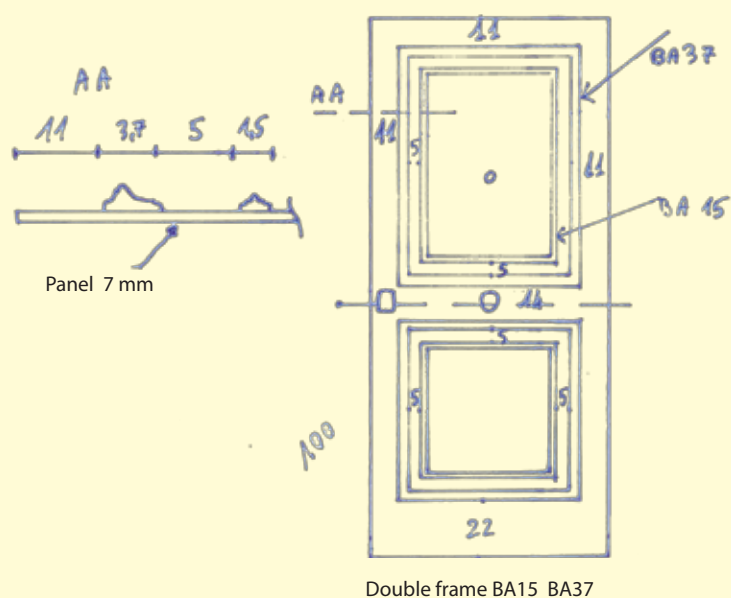
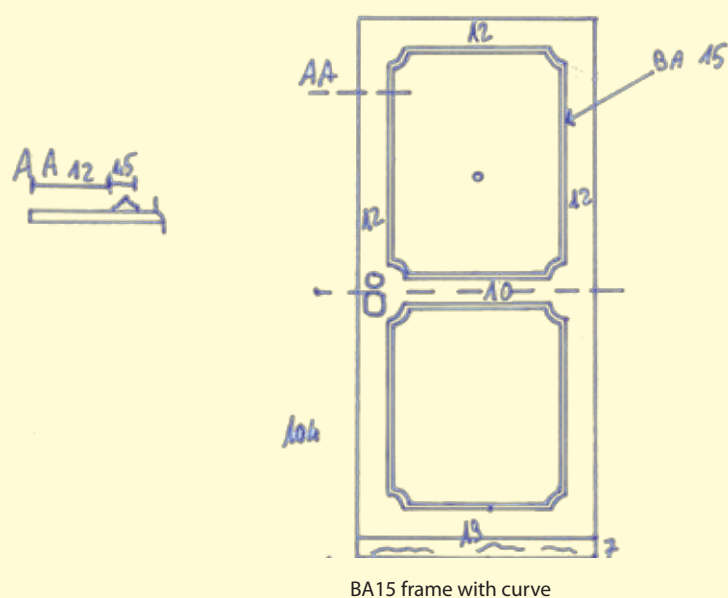
SUPERIMPOSED FRAMES



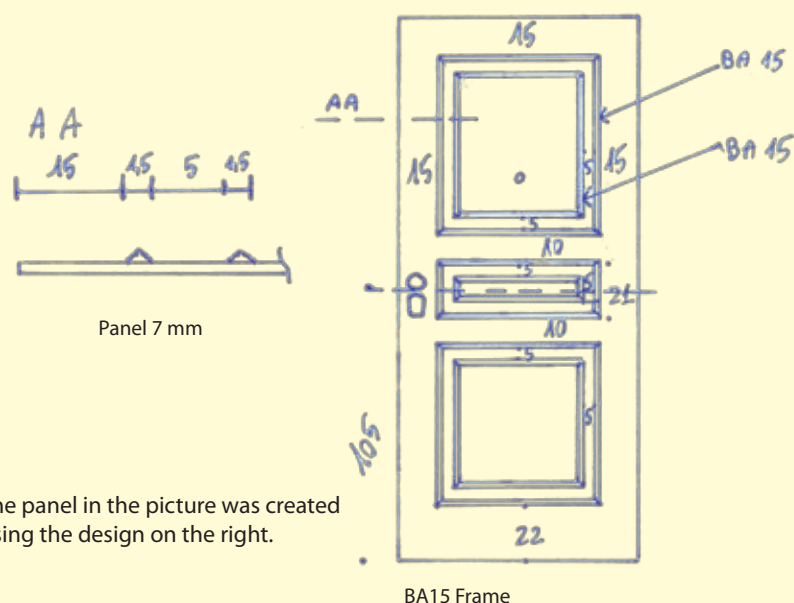
Frame profiles



Some sample designs for reproducing panels



BA15 Frame Ral 6005



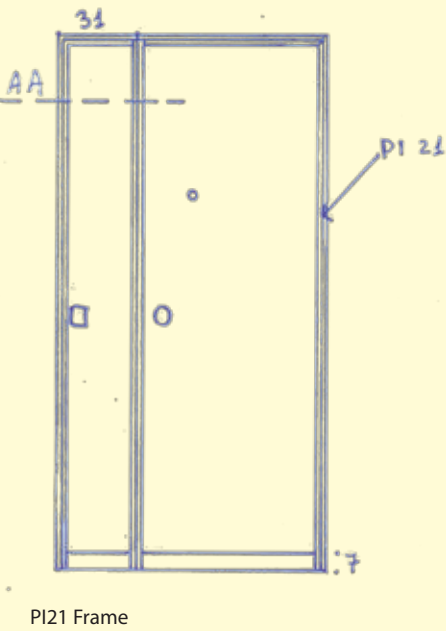
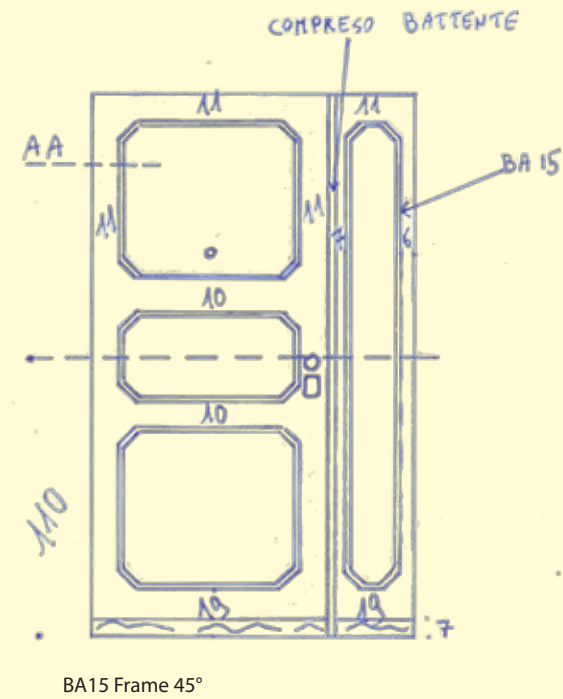
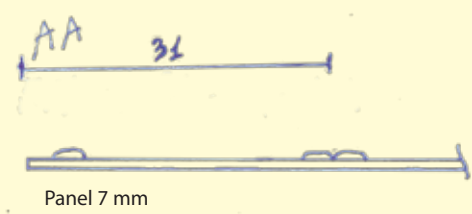
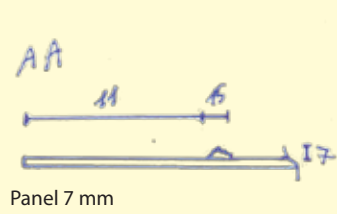
The panel in the picture was created using the design on the right.



NOTE:

We can utilize frames with different profiles after a feasibility check.
The wood types and frame color are matched to the base panel if not otherwise specified.

SUPERIMPOSED FRAMES



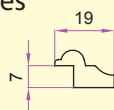
Processing of frame panel with relief surface.

Special Coverings

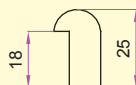
FRAMES WITH RELIEF SURFACES



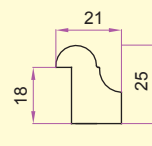
Frame profiles



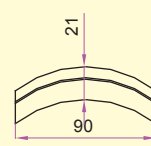
BA19 B7



TON25 B18

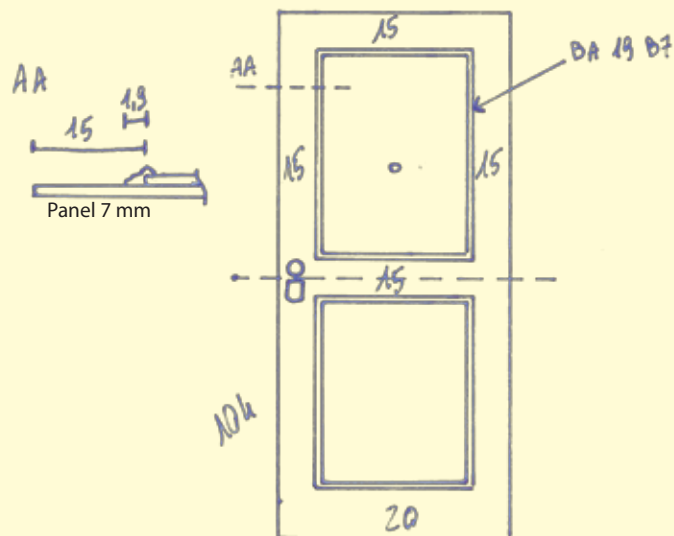


BA25 B18

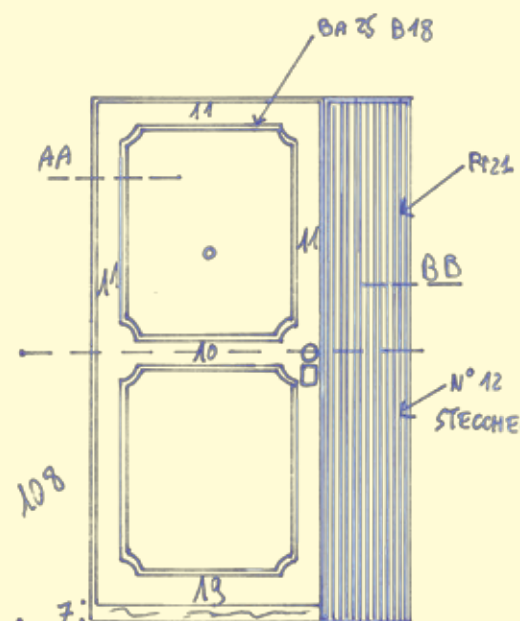
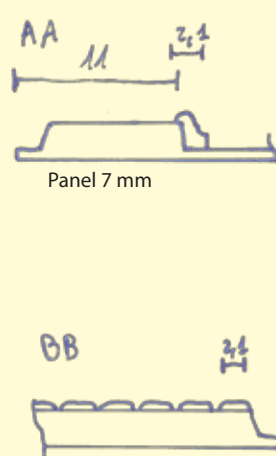


CURVA BA25 B18

Some sample designs for reproducing panels



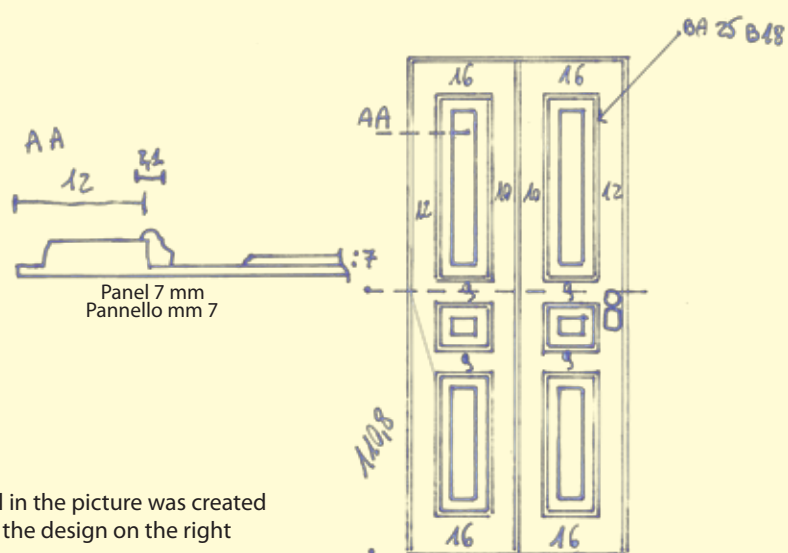
BA19 B7 Frame with relief panel



FRAME BA25 B18 depressed panel, small leaf decorated



Frame BA25 B18 with depressed panel and with double level relief surface, medium walnut stain



Frame BA25 B18 with depressed panel and with double level relief surface

The panel in the picture was created based on the design on the right



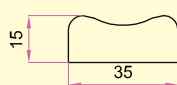
NOTE:

We can utilize frames with different profiles after a feasibility check.

The wood types and frame color are matched to the base panel if not otherwise specified.

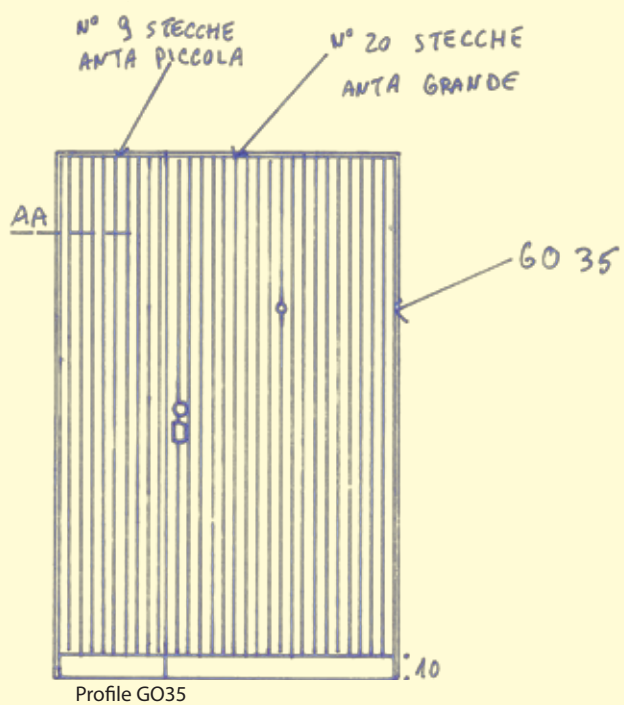
VARIOUS PROFILES

"Hump" cut profiles

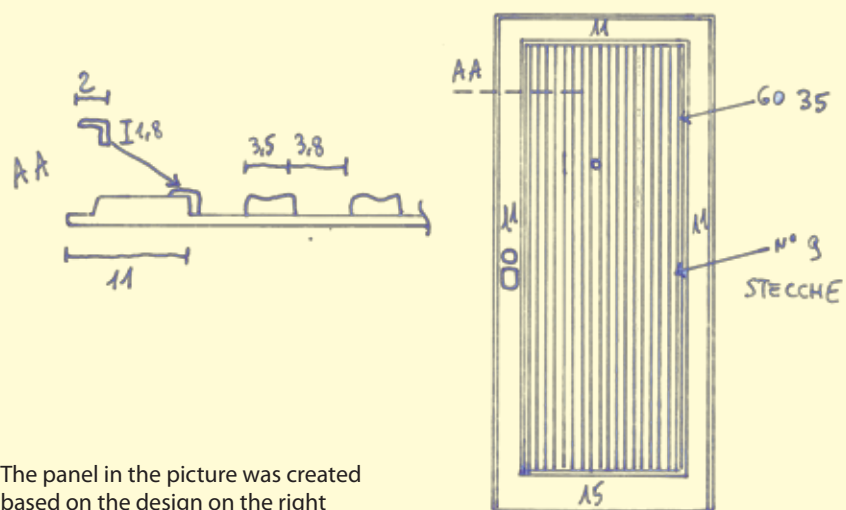


GO35

Some sample designs for reproducing panels



FRAME WITH RELIEF SURFACE
angle 18 PROFILES GO35
Natural Tanganyika

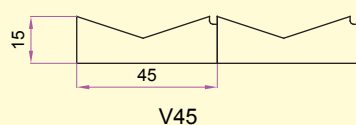


FRAME WITH RELIEF angle 18
PROFILES GO35

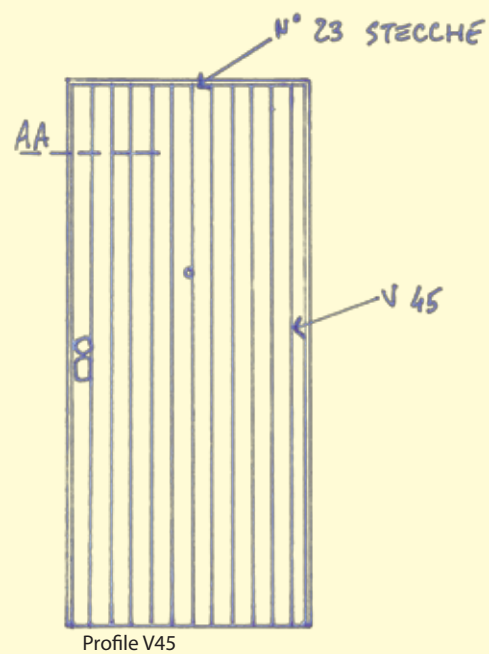
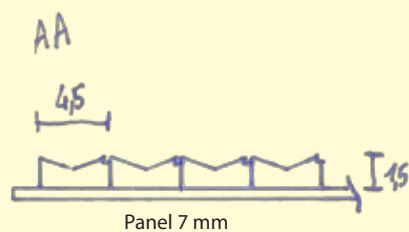
Special Coverings

VARIOUS PROFILES

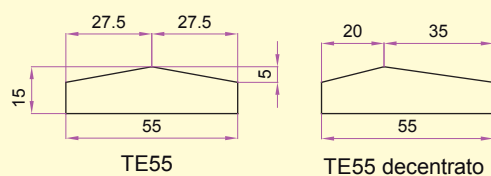
"V" cut profile



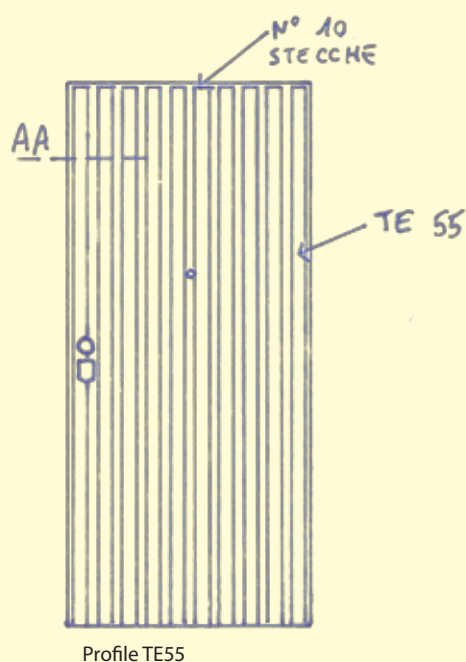
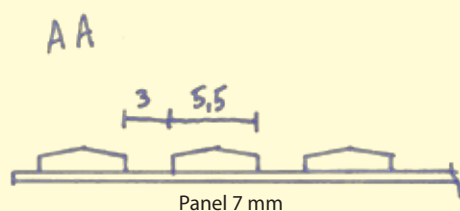
Design sample for reproducing the panels



"Roof" cut profile



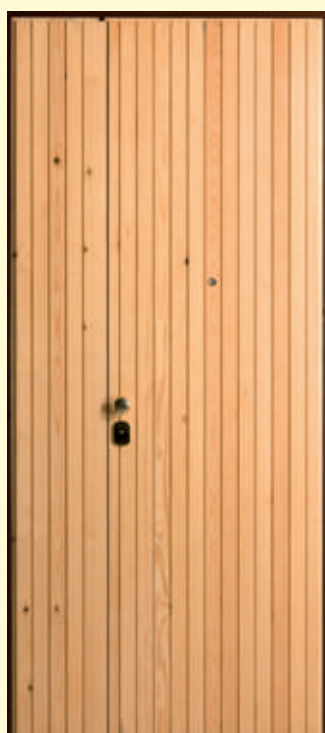
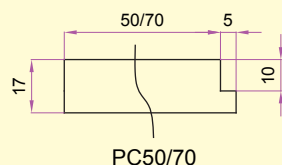
Design sample for reproducing the panels



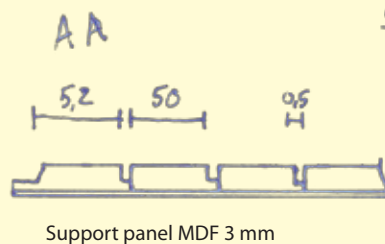
"Standard decoration" cut profile



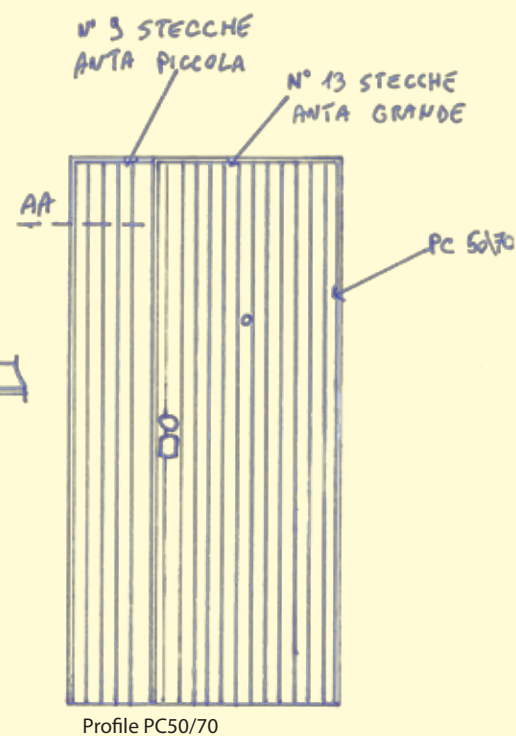
Design sample for reproducing the panels



Profile PC 50/70 Natural Pine



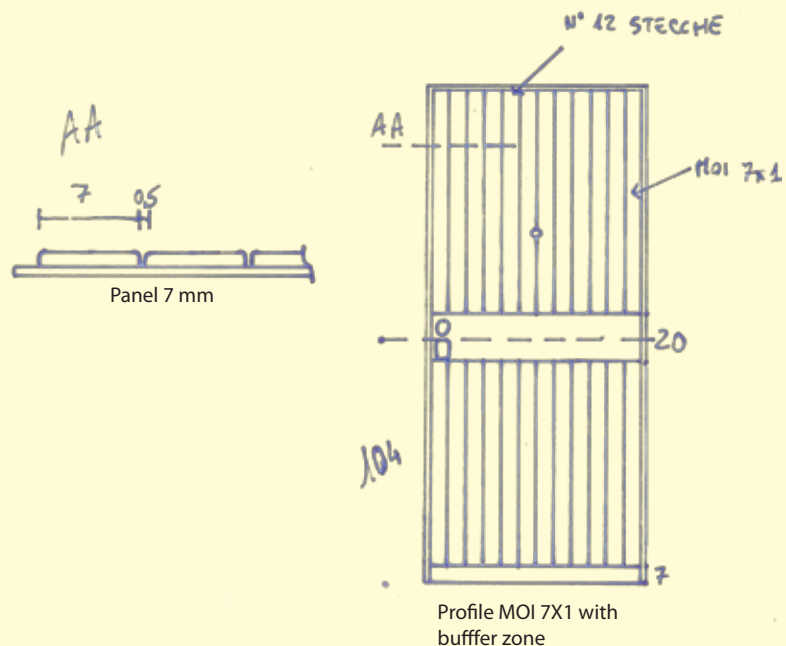
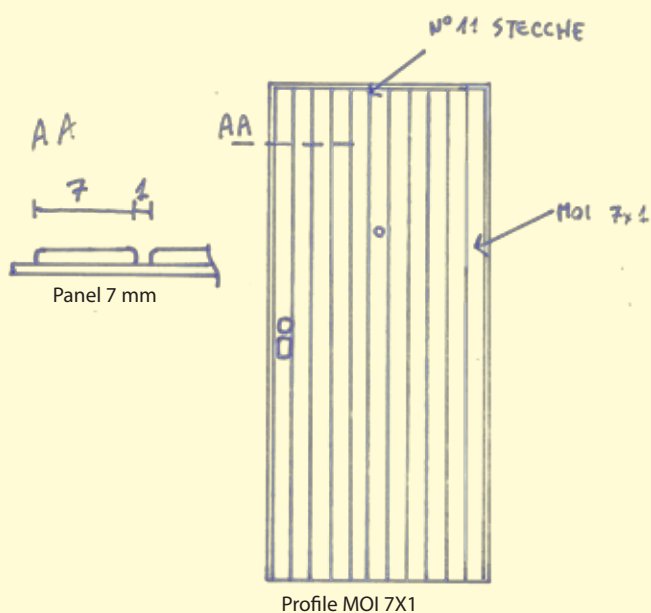
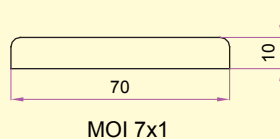
The panel in the picture was created based on the design on the right



Profile shows "7x1" veneer



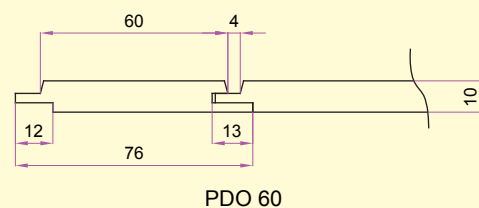
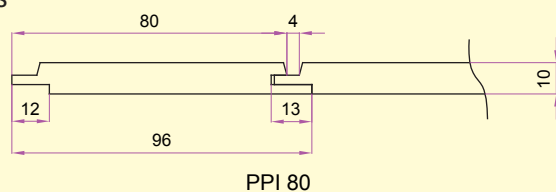
Design sample for reproducing the panels



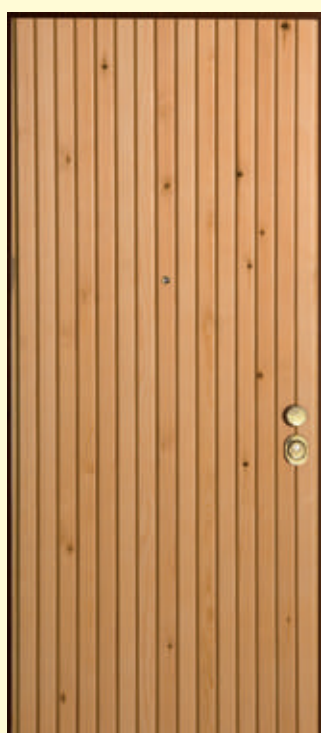
Special Coverings

COMMERCIAL DECORATION "PINE" or "DOUGLAS"

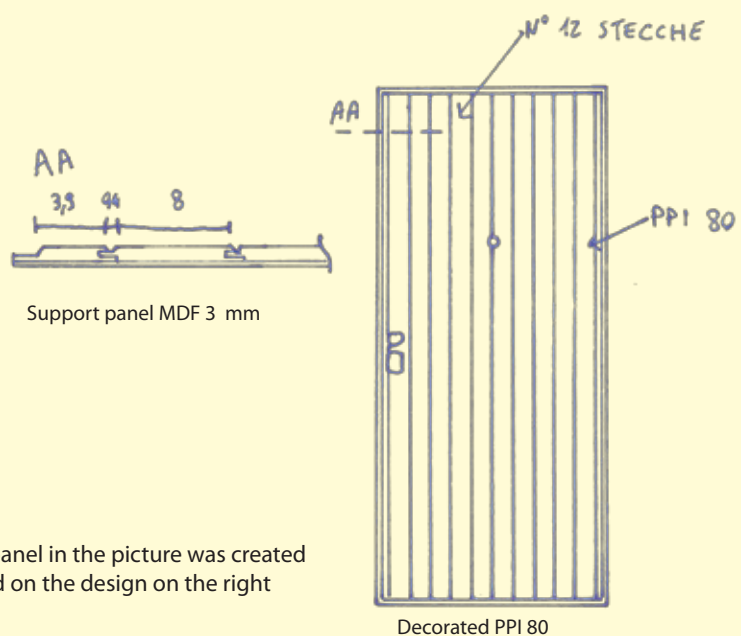
Decorated profiles



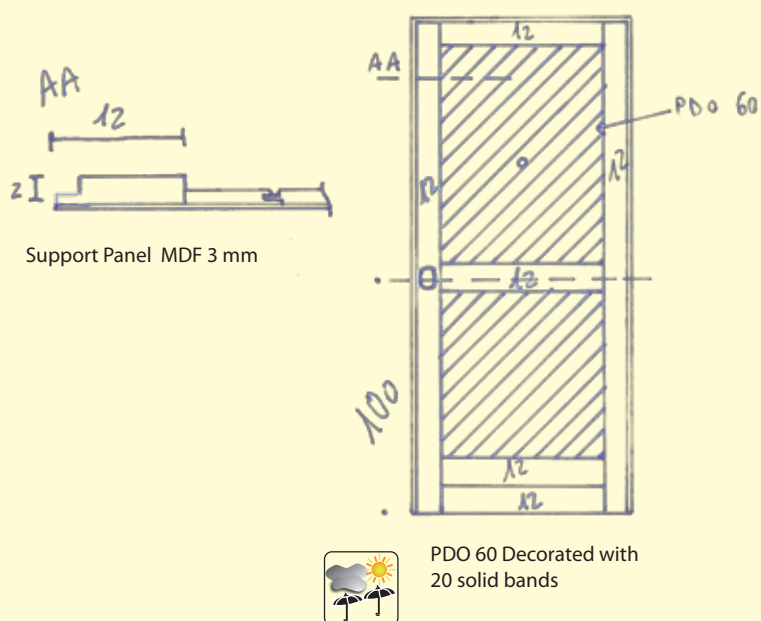
Design sample for reproducing the panels



Decorate PPI 80
Natural pine



The panel in the picture was created based on the design on the right



NOTE:

We can create different geometric designs after a feasibility check.
Stains: natural, light walnut stain, medium walnut stain, dark walnut stain.

"ABET" LAMINATED

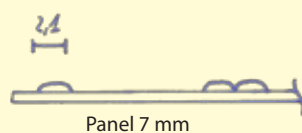
Color samples www.abet_laminati.it



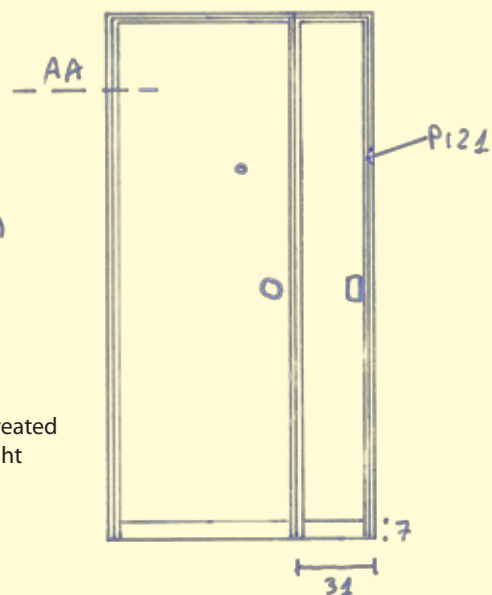
Design sample for reproducing the panels



Laminated "ABET" double color



The panel in the picture was created based on the design on the right



"ABET" laminated, double color, bordered with mahogany frame PI 21

NOTE:

The Abet laminate on a single leaf door with only one color and without a frame needs to be placed externally and needs to be well sheltered. For warehouse availability, call the deposit of Pescara tel. 085/4460252.

DOOR RESTORATION



Before the restoration.

It is better to perform the restoration on an existing door of higher quality in order to transform the panel covering of an armored door.



Unvarnishing by flame.



Corner restoration.



Special recleaning.





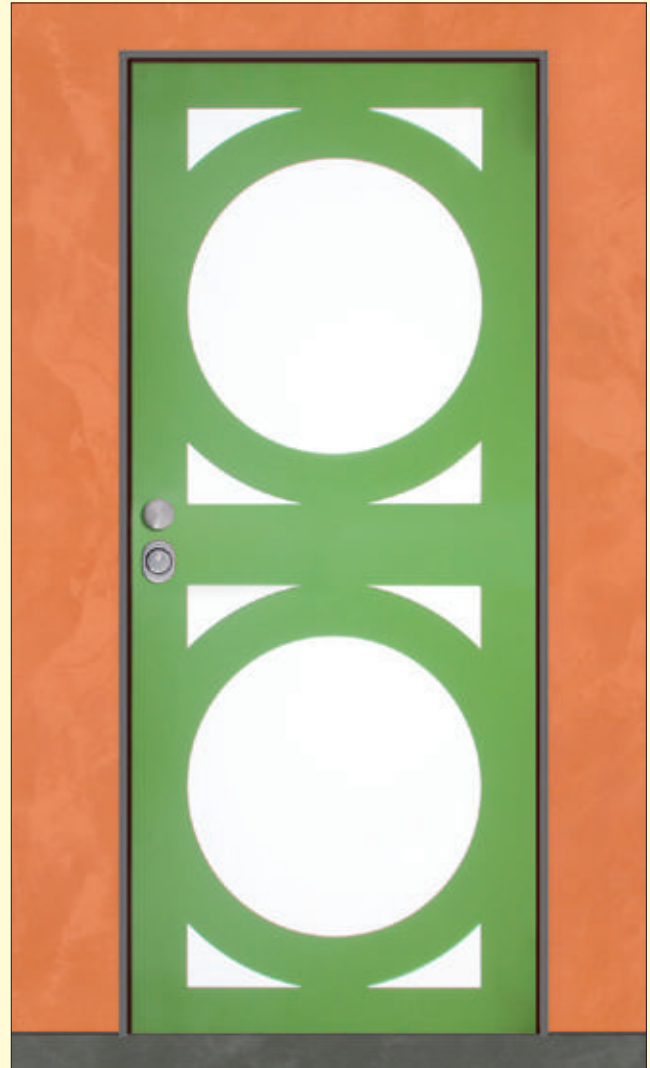
Finished work.

After the restoration and cleaning with various layers of varnish, the door has returned to its original state of splendor. A very beautiful late 19th century door in National Walnut. Originally it was a symmetrical double leaf door 110x215.55 right leaf, it was transformed into a panel for an armored door with right leaf 100x210. The material was cut on the right side and in the center, in order to leave a band on the left side of 10,5 cm sufficient for holding the lock in place.

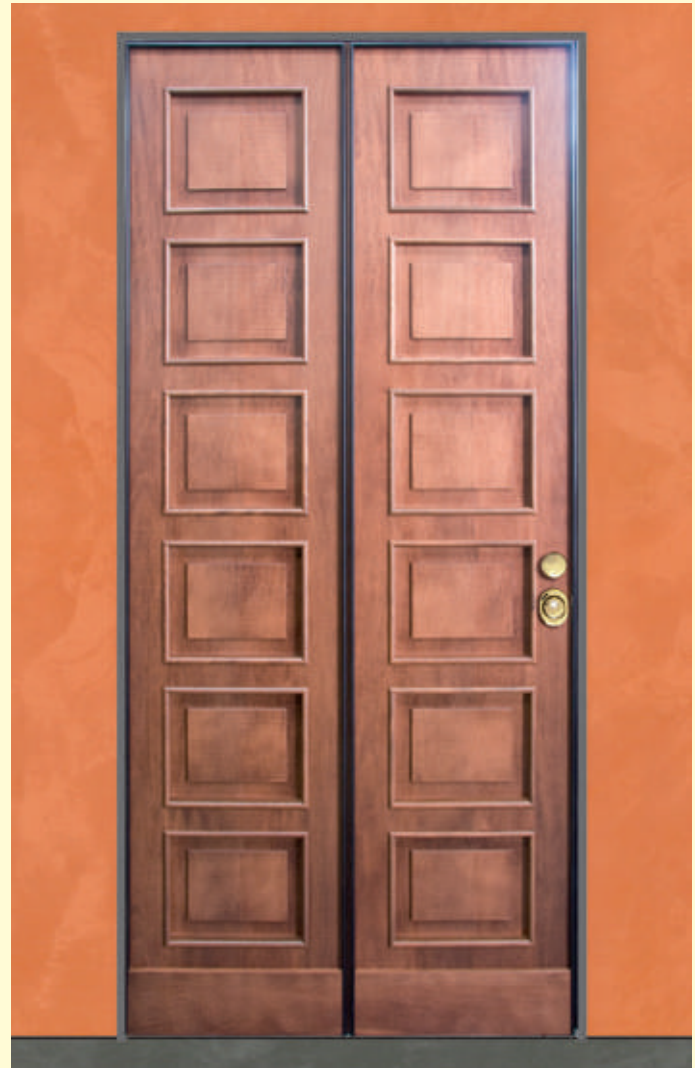
Special Coverings

SOME STANDARD FINISHED PRODUCTS













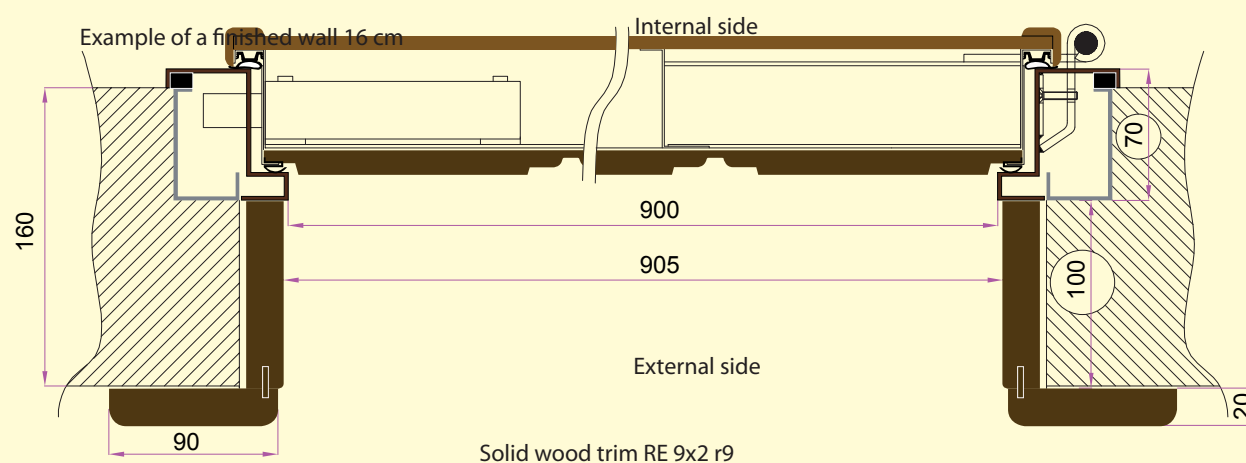




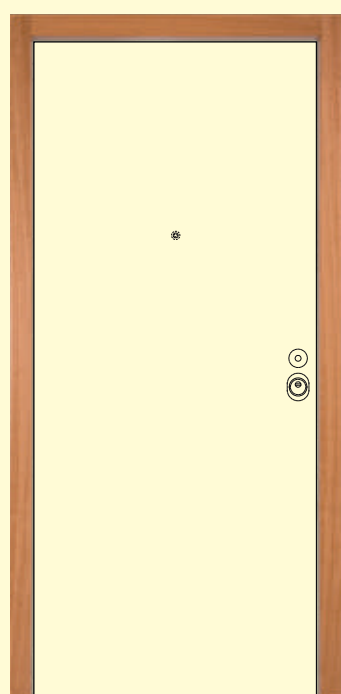
The thickness of an armored door is 7 cm, the thickness of a wall is greater, the part that is unoccupied can be finished in four ways:

- Plaster finish
- Brick finish
- Stone portal finish
- Wood trim finish

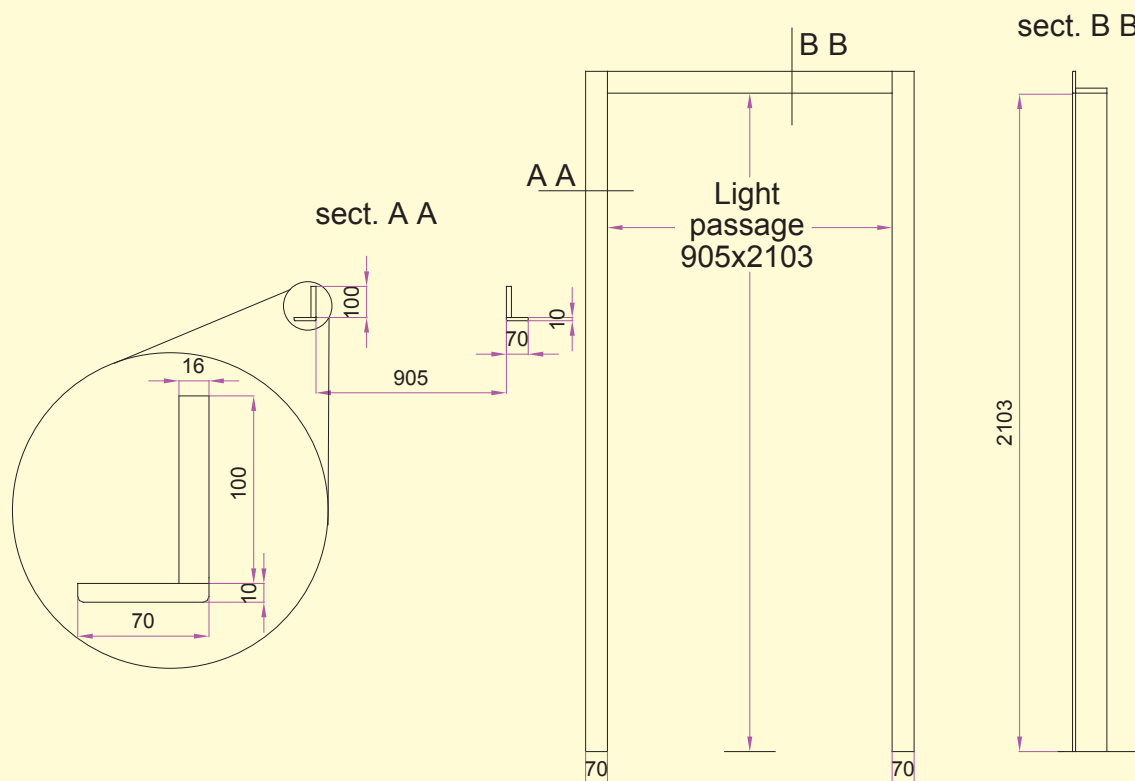
WOOD TRIM



Wood trim 7x1 veneered



Wood trim 7x1 veneered Natural
Tanganyika



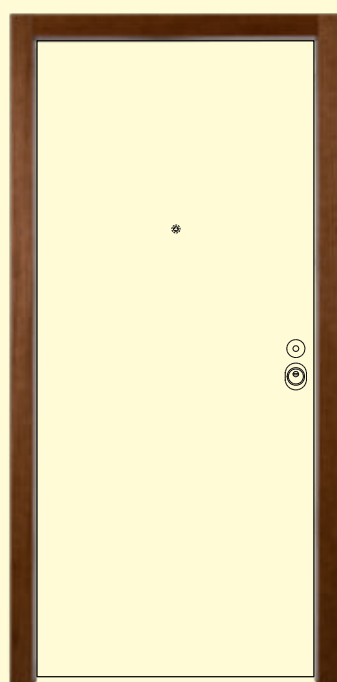
Wood trim 7x1 veneered



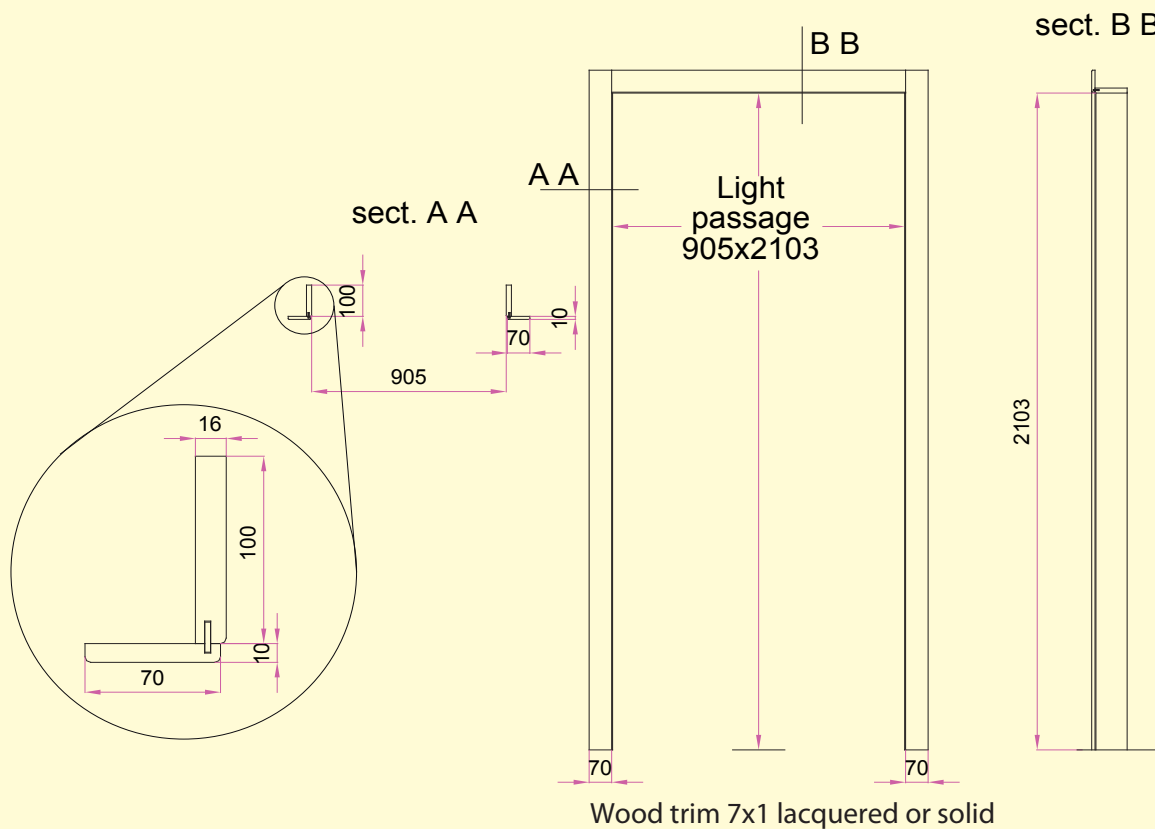
NOTE: The designs refer to external door frame for armored door net light 90x210 cm.
We can create door frames and different pairs after a feasibility check.

The wood type and color of the wood trim are matched to the colors of the door panels, unless otherwise indicated.

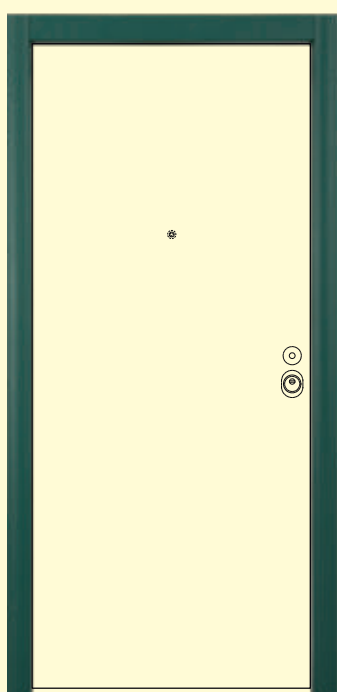
Wood trim 7x1 lacquered or solid



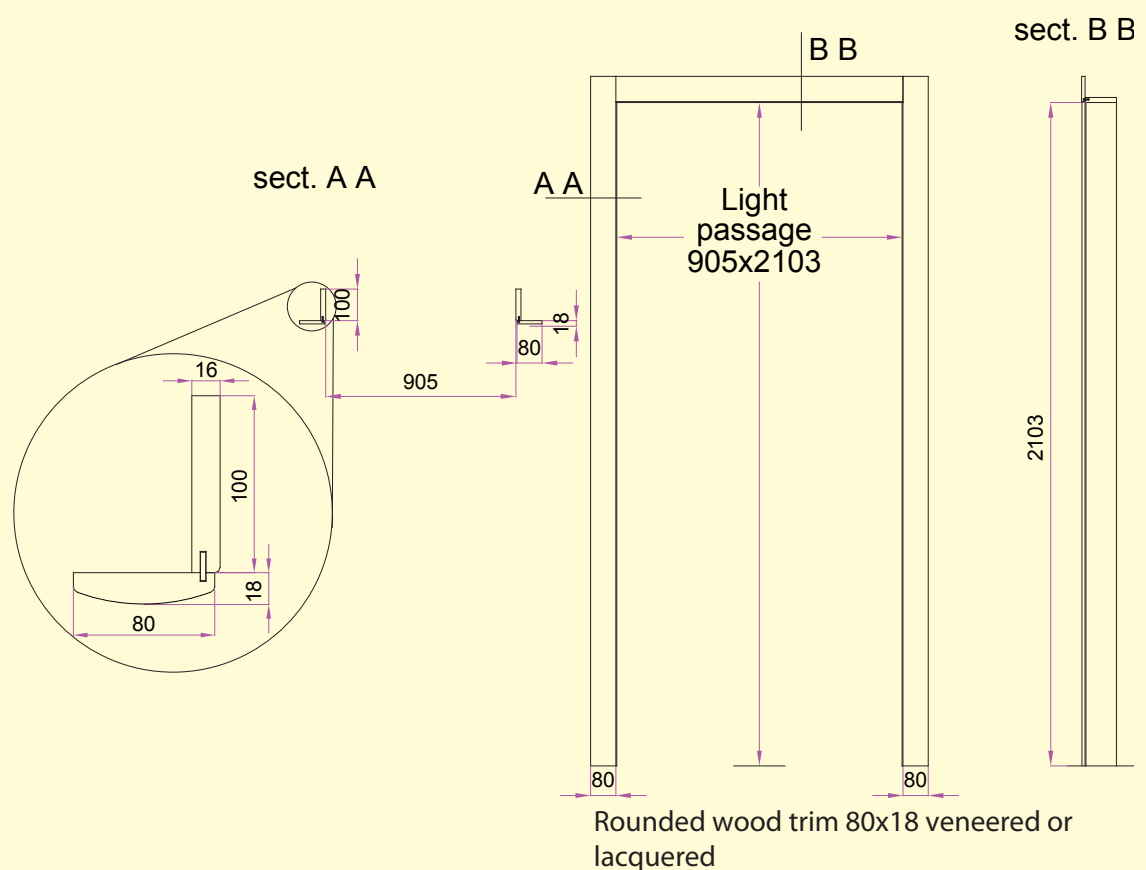
Wood trim 7x1
solid medium walnut stain



Rounded wood trim 80x18 veneered or lacquered



Rounded wood trim 80x18
lacquered Ral 6005

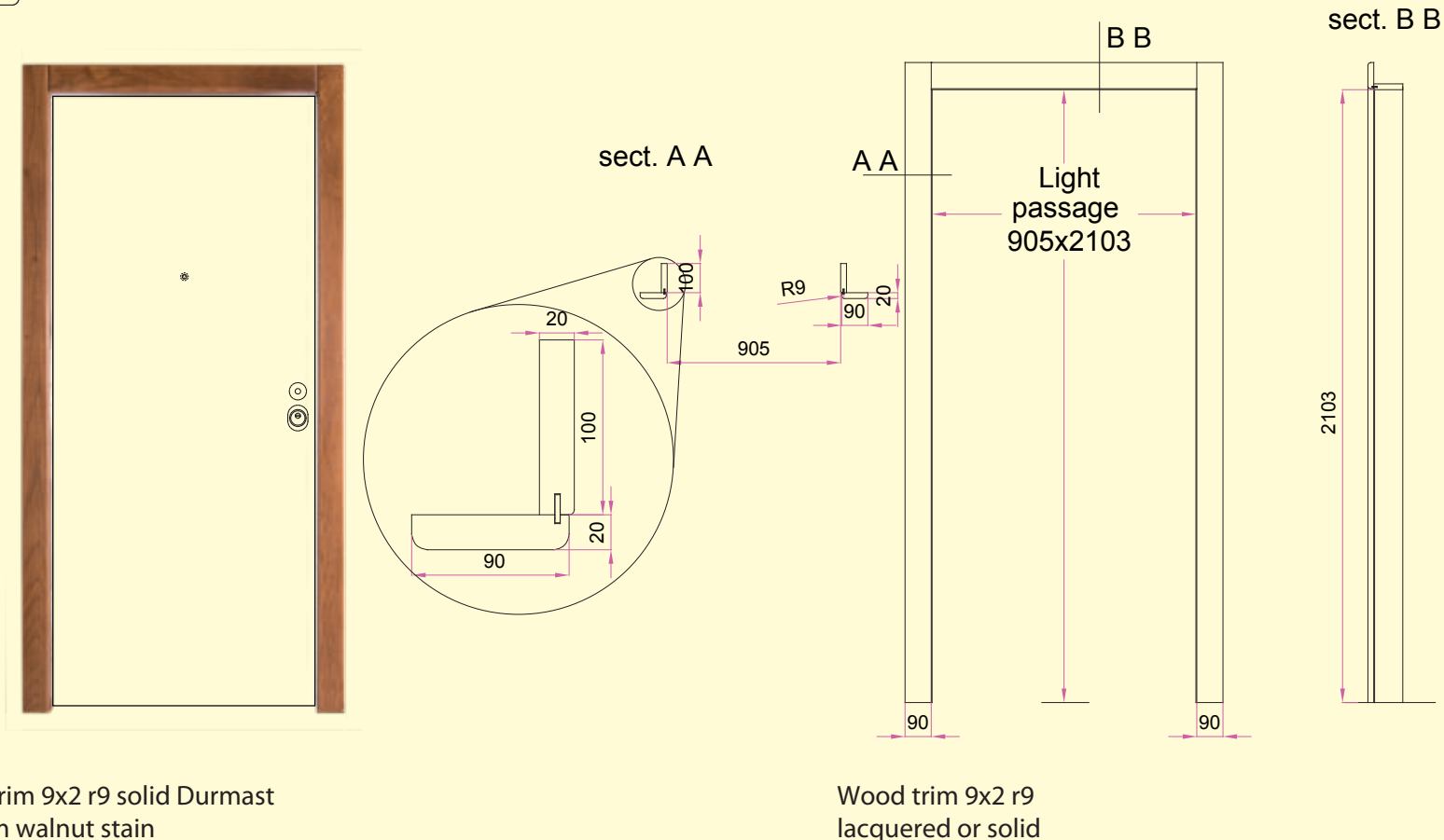


TECHNICAL NOTES

The wood trim is cut:

- wider than the door +5 mm net light
- taller than the door +3 mm net light, unless otherwise specified.

Wood trim 9x2 r9 lacquered or solid



DETAILED CORNER

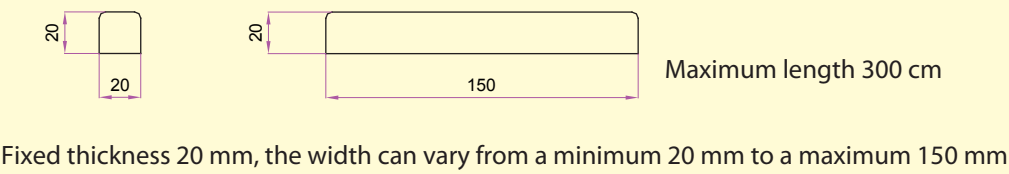


Wood trim 9x2 r9 solid natural Durmast

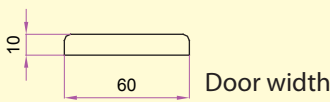


NOTE: The designs refer to external door frame for armored door net light 90x210 cm.
We can create door frames and different pairs after a feasibility check.
The wood type and color of the door frame are matched to the colors of the door panels, unless otherwise indicated.

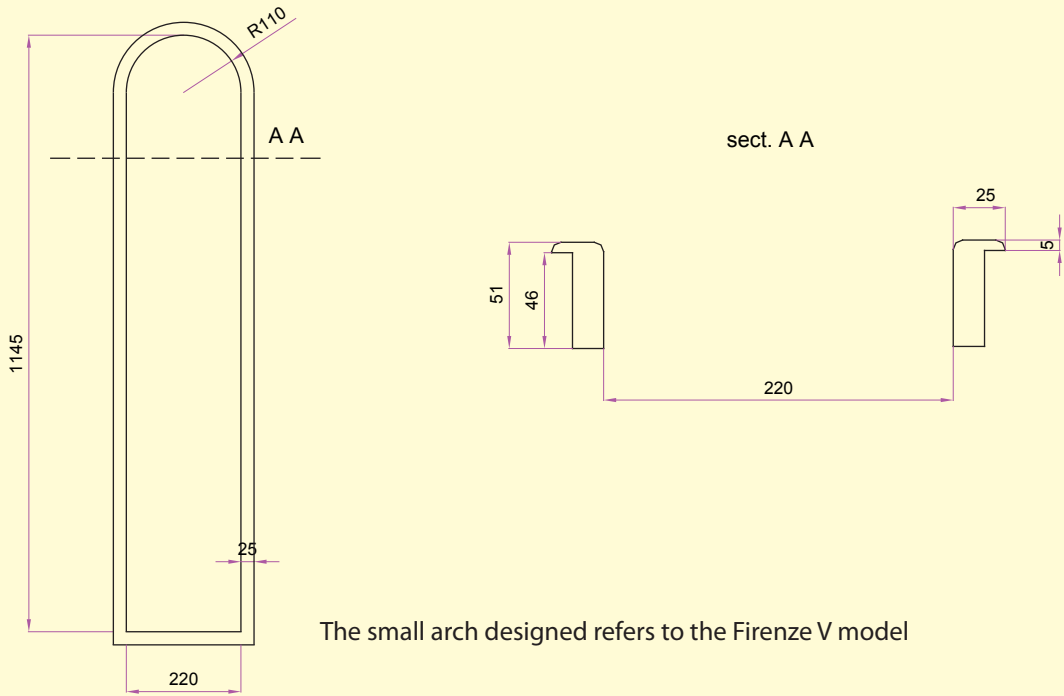
SOLID STRIP



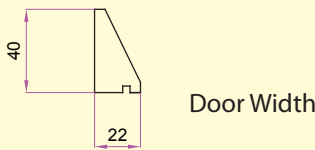
THROUGH THE SKYLIGHT



SMALL ARCH FOR WINDOWED DOOR internal panel finish



DRIPSTONE



NOTE:
The wood type and color of the articles on this page are matched to the colors of the door panels, unless otherwise indicated.

LOCKS

The lock is the heart of an armored door. It is composed of a mechanical part that is the same for all and it is also composed of a european profile security cylinder, every cylinder is unique.



EUROPEAN LOCK 28/63 gear
No. 4 018 + latch bolts (standard on
Dolmen, Dolmen CS, *cs Boiserie* and CS FILO
MURO)



Special defender with a anti-strip steel
(standard on Dolmen, Dolmen CS, *cs Boiserie* and CS FILO MURO)

Our requirements for european locks utilize the En 12209:2003 norm



EUROPEAN LOCK 28/63 gear with LOCK SERVI-
CE, controls the two upper bolts and the latch,
blocks the main lock.

	Classification grades	Classification
Category use	1/2/3	1 (residential doors)*
Duration	A-X	S (200.000 cycles)**
Door mass	1-9	7 (up to 100 kg)
Fire resistance	0/1	0 (not adapted)
Corrosion and temperature resistance	0/A-G	A (low)***
Resistance grade	1-7	5 (high, with puncture resistance)



NOTE: * Home and civil use, means that the object is easy to use.
** Duration 200.000 cycles, means that 200.000 cycles of opening and closing were performed.
*** Corrosion resistance, the placement is very important. Based on our experience we can give the following time references:
10 years if placed in a condominium; if placed in front of the ocean traces of oxidation appear after 6 months.

ALTERNATIVE LOCKS



EUROPEAN LOCK  article 85-371/28 hose
n°4 Ø18 + latch bolts

EUROPEAN LOCK  article 84-371/28 gear
n°4 Ø18 + latch bolts



Automatic

is a top-tier product, its main feature is a mechanical closure of all the locks each time the door is closed; the locking is silent. The automatic locking function can be turned off via the patented command.

—④

VERY HIGH SECURITY
EUROPEAN LOCK  article 87 430
complete with defectors

—③

—②

STANDARD EQUIPMENT:
(residential use)

Q8 internal expansion, fixed external knob.
- Automatic mode on, normal function.
- Automatic mode off, open from the inside with the handle and from outside with the key.

OFFICE EQUIPMENT:
(office)

Internal and external expansion and Q8 handle.
- Automatic mode on, normal function.
- Automatic mode off, open from the inside with the latch and open from the outside with the handle.

—①

LEGEND

- 1 - Patented Latch 18x24 mm.
- 2 - Latch plus 15x25 mm.
- 3 - patented Command to activate and deactivate the automatic latches during closing.
- 4 - Adjustable mechanism which drives the automatic closing.

MOTORIZED ELECTRONIC LOCKING **Iseo**

The future of the armored door lies surely with electronic lock, also because goes along well with the modern concept of home automation.



MOTORIZED LOCK Iseo x1R easy, with the possibility of remote opening (photo opening from the desk).

Feartures of the electronic lock Iseo x1R easy with regard to the normal Uni En 14846:08

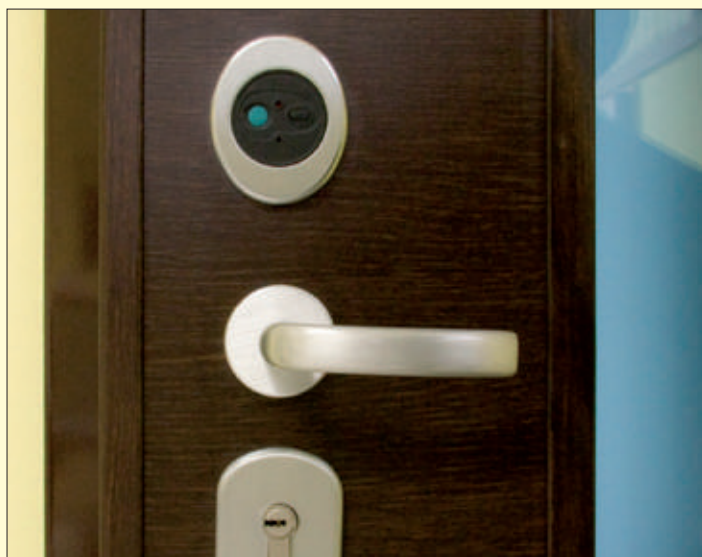
	Classification levels	Classification
Utilization	1/2/3	3 (public buildings)
Resistance	A-X	M (200.000 cycles)*
Door mass	1-9	8 (up to 200 kg)
Fire resistance	0/1	0 (not adapted)
Corrosion and temperature resistance	0/A-G	B (medium)**
Degree of resistance	1-7	7 (very high puncture resistance)

NOTES:

* Duration 200,000 cycles (200,000 cycles of opening and closing were performed).
 ** Corrosion resistance, depends highly on the site of installation. As a point of reference: installation within a building, 10 years; beachfront installation, rusting after 6 months.



MOTORIZED LOCK Iseo x1R easy.
Numeric keypad with integrated tag. Exterior view.

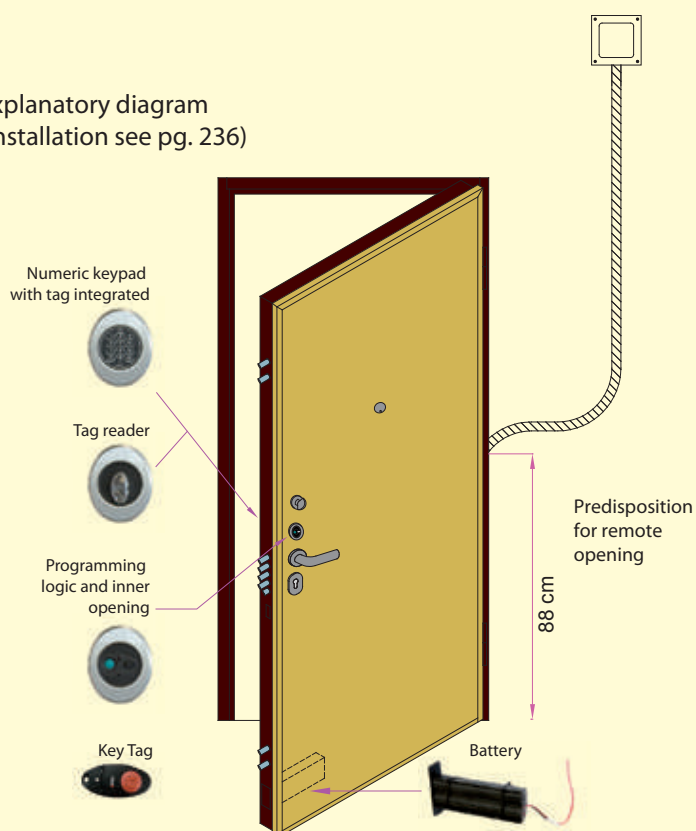


MOTORIZED LOCK Iseo x1R easy. Programmable, and open button. Interior view.



ELECTRICAL CONTACT for remote opening. Hinge side.

Explanatory diagram
(installation see pg. 236)



TECHNICAL FEATURES:

- Motorized driving of the latch and deadbolts;
- Automatic locking with closing of the door;
- Emergency opening with mechanical key;
- Nickel-plated steel deadbolts No. 4 (distance 28 mm);
- made of steel.

EQUIPMENT:

- Alkaline Batteries 1.5V Ni-Cd type D (torch) No. 6;
- Operating temperature of the battery min -20 °C max + 54 °C;
(ideal operating temperature + 15 °C / + 25 °C).

USEFUL INFORMATION: (unofficial, based on our own experience).

- Best working condition for batteries: in a condominium, family of 4, 30,000 cycles, will last approximately 3 years;
- Worst working condition for batteries: uninhabited house in the mountains where the temperature frequently drops below 0 °, 1,500 cycles, will last approximately 3 months.

MOUNTING solutions:



Solution 1 indicated use:
home,
office,
condominium

Inside: open button,
mechanical key.
Outside: opening key tag,
mechanical key.



Solution 2 indicated use:
home,
office,
condominium

Inside: opening button,
mechanical key.
Outside: keypad,
key tags,
mechanical key.



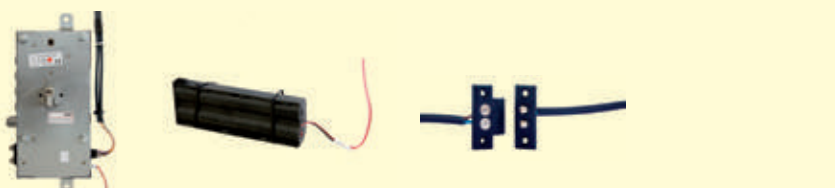
Solution 3 indicated use:
home,
office,
condominium

Inside: open button,
mechanical key.
Outside: opening key tag,
mechanical key.



Solution 4 indicated use:
home,
office,
condominium

Inside: open button,
mechanical key.
Outside: opening intercom,
mechanical key.



Solution 5 indicated use:
home,
office,
condominium

Inside: opening via mechanical key *.
Outside: opening intercom,
mechanical key.

NOTE: * The purchase of a key cylinder is recommended or placing an open button near the door.

DEFENDER WITH COVER CIPIERRE

Defender with cover, are guaranteed against oxidation and are of the same color as the handle.



Polished brass
GCTOL



Bronzed Aluminum
F4



Satin chrome
GCTCS

Patented feature.
The aluminum cover is also on retainer.



ENTRANCE KEY DEFENDER WITH PROTECTION



The DISEC defender with key protection is a top-tier product. It serves to better protect against theft, vandalism, and can also act as a service lock if there are any keys given to other people which cannot be inserted. Attention: the counter-clockwise rotation (closing) is free so it is necessary always have a key card out of the house.

Technical Specifications: Diameter 50 mm - Thickness 25 mm - Wheelbase anchor 38.



Defender in position for
access.



Defender in position for
blocking key access.



Magnetic key customized
for each defender.



CILINDRI



5 master keys



construction key

EUROPEAN SECURITY CYLINDER ISEO R6 + construction key.

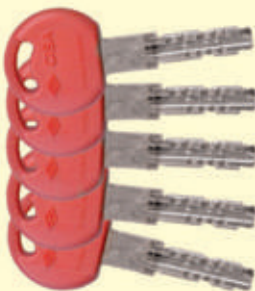


5 master keys



construction key

EUROPEAN SECURITY CYLINDER ISEO R6 with inner knob + construction key.



5 master keys



EUROPEAN SECURITY CYLINDER CISA ASTRAL Tekno with inner knob + card for key duplication. Anti bumping.



5 master keys



construction key

VERY HIGH SECURITY EUROPEAN CYLINDER DOM ix 6 SR + construction key + card for key duplication. Anti bumping.



Characteristics of the cylinder compared to the Uni En 1303:2005 norm

	Classification grades	Classification
Category use	1/2/3	1 (residential doors)*
Duration	4/5/6	6 (100.000 cycles)
Fire resistance	0/1	0 (not adapted)
Corrosion and temperature resistance	0/A/B/C	N.D. (not declared)
Key security	1-6	3 (15.000 combinations with 5 pins)
Attack resistance	0/1/2	2 (5-10 minutes of puncture resistance)

Characteristics of the cylinder compared to the Uni En 1303:2005 norm

	Classification grades	Classification
Category use	1/2/3	1 (residential doors)*
Duration	4/5/6	6 (100.000 cycles)
Fire resistance	0/1	1 (adapted)
Corrosion and temperature resistance	0/A/B/C	C (corrosion resistance and resistance at temperatures of -20 +80)
Key security	1-6	6 (100.000 combinations with 6 pins)
Attack resistance	0/1/2	1 (3-5 minutes of puncture resistance)

Characteristics of the cylinder compared to the Uni En 1303:2005 norm

	Classification grades	Classification
Category use	1/2/3	1 (residential doors)*
Duration	4/5/6	6 (100.000 cycles)
Fire resistance	0/1	0 (not adapted)
Corrosion and temperature resistance	0/A/B/C	C (corrosion resistance and resistance at temperatures of -20 +80)
Key security	1-6	6 (100.000 combinations with 6 pins)
Attack resistance	0/1/2	2 (5-10 minutes of puncture resistance)



RECODABLE CYLINDER RIELDAI controlled key duplication

Its unique feature is that it can be recoded each time the keys are changed without changing the cylinder.



5 Master keys



registration card



1 key (gold)
to change the
coding



Patented "Greek"
profile, anti
bumping, anti
lock picks.

Characteristics of the cylinder compared to the Uni
En 1303:2005 norm

	Classification grades	Classification
Category use	1/2/3	1 (residential doors)*
Duration	4/5/6	6 (100.000 cycles)
Fire resistance	0/1	0 (not adapted)
Corrosion and temperature resistance	0/A/B/C	C (corrosion resistance and resistance at temperatures of -20 +80)
Key security	1-6	6 (100.000 combinations with 6 pins)
Attack resistance	0/1/2	2 (5-10 minutes of puncture resistance)

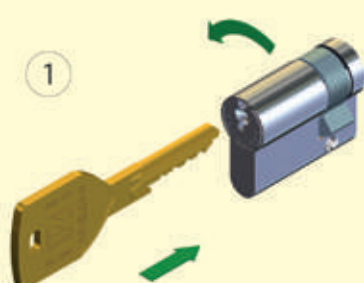
VERY HIGH SECURITY CYLINDER RIELDA RS3.

Features:

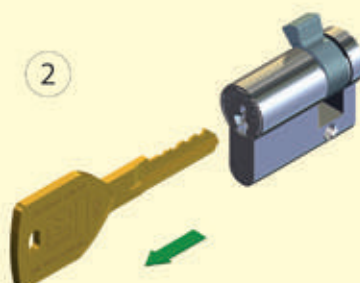
- Changing of the key without changing the cylinder.
 - This cylinder allows us to have a one key to open more apartments and to autonomously change even a single key if an apartment is rented.
 - Its traditional "SAW" encoding allows the insertion of the key in one direction only, but allows you to have a "Greek" profile key.
- These features improve security.

KEY CHANGE INSTRUCTIONS (should be performed on both the sides).

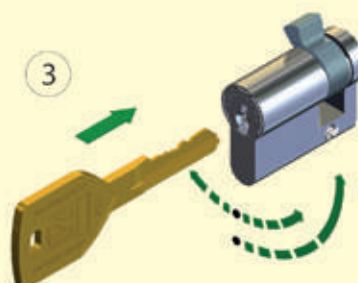
RE-PROGRAMMING



- 1
- Insert the programming key (gold color) from the bunch in use.
 - Turn the key half way

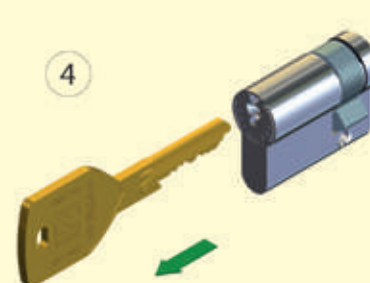


- 2
- Remove the key.
 - The lock is ready to be programmed with a new key.



- 3
- Insert the new programming key (gold color)
 - Leave the key in for at least 1 second.
 - Turn the key to the right and left, then turn the

PROGRAMMING



- 4
- Remove the key.
 - The lock is programmed, place the programming key in a safe place and use the normal key (Silver color).

ATTENTION: The gold key can be used to open the door normally.



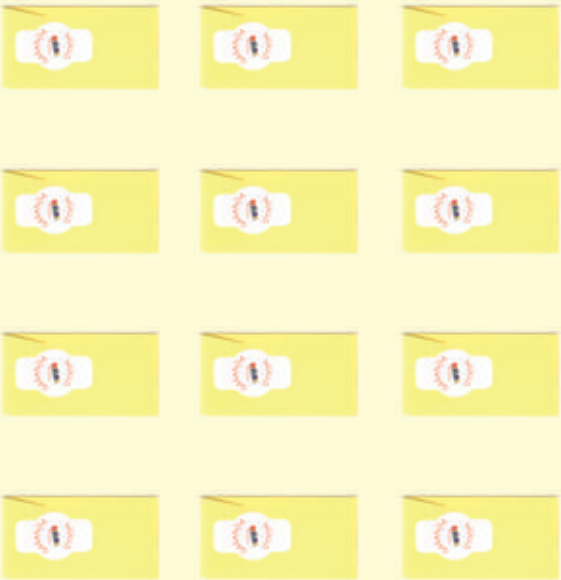
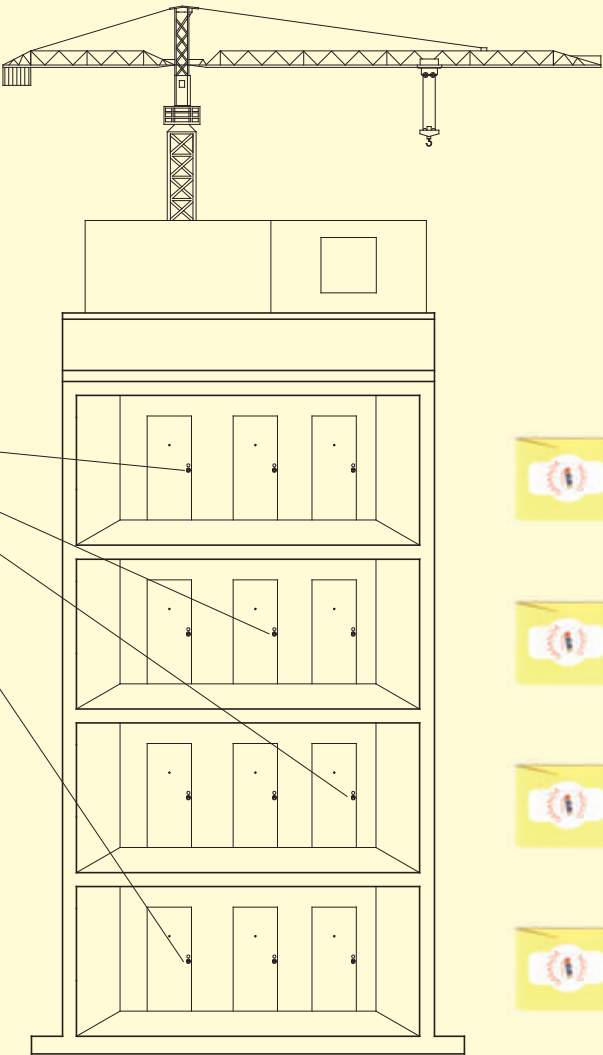
EXPLANATORY DIAGRAM construction site.
At the time of order please specify the number of cylinders to be opened with the same key.
Unless otherwise specified, the batch of construction keys will consist of:
5 keys, 1 gold key, and 1 registration card.



CONSTRUCTION KEY,
opens all doors without restriction .



GOLD KEY will serve to
change the coding of each
cylinder at the time of home
delivery.



Master key kit contains:
5 master keys
1 gold key
1 registration card
NOTE: The sealed kits are not bound to any door;

RECOMMENDATION for the construction manager:
With another set of keys (reusable), the construction manager can render one or more appartments inaccessible if he or she has left supplies there.

BLOCK2 DEVIATOR, bolts Ø 18

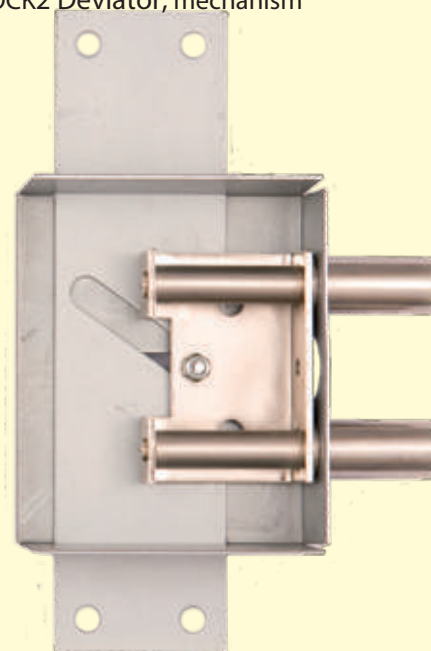


BLOCK2 Deviator mounted

BLOCK2 Deviator, mechanism



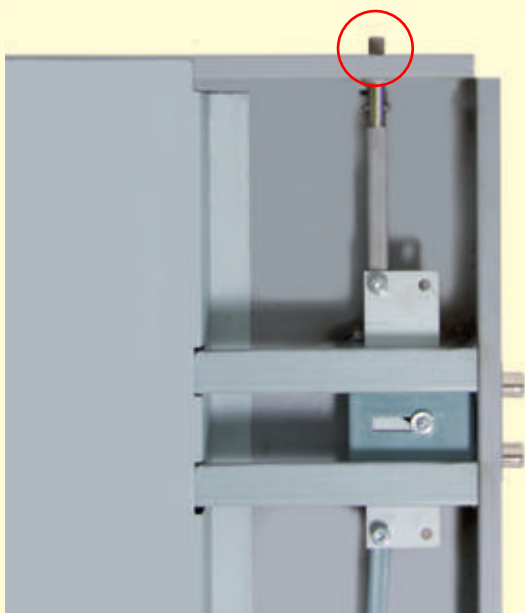
Deviator that has not passed the class 3 anti-burglary tests.



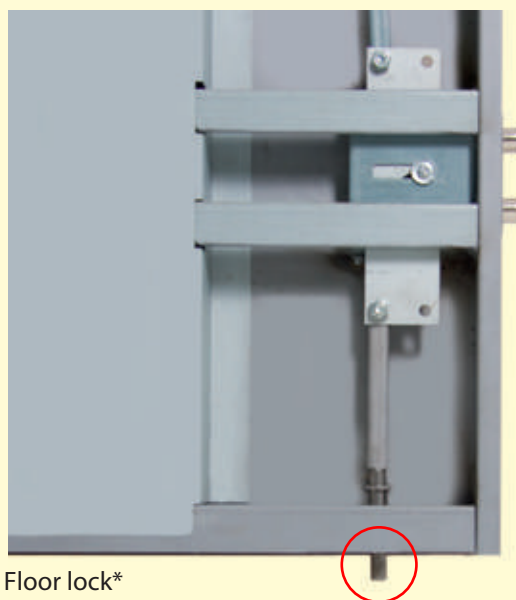
Deviator that has passed the class 3 anti-burglary tests, currently in use.
The difference is in the thru-axle held in 2 points.

The deviator is a fundamental element for the security of an armored door. On our Dolmen model we mount 2 double deviators, a superior one and an inferior one, welded onto the body and held by 2 anti-torsion steel profiles. The double deviator with the thru-axle and the anti-torsion bars are the fundamental technical characteristics that have allowed us to pass the class 3 anti-burglary tests.





Head lock*



Floor lock*



Dolmen model shell



Dolmen model shell with double side plate

NOTE: *Head lock and floor lock cannot be matched with the automatic Mottura lock art. 87430 e Iseo x1R easy



Coupling bumpers Ø 14



SPRING LATCH protection from card entry



SMALL LEAF ROD Ø 14

Driven by a gear rack. When it is in the closed position it cannot return back up because it is blocked by the deviator.



ELECTRIC TRIGGER

Technical characteristics:

- Destruction resistance force 700 Kg
- manual unblocking system always open
- blocked without power
- Power 12 V, absorption 500 mA
- Opening limited to the duration of the electrical impulse (see technical details pg. 232).



NIGHT BOLT

TECHNICAL FEATURES:

can only be turned from inside, diameter 18 mm, stroke 28 mm.

TECHNICAL INFORMATION:

- with door height greater than 205 cm, both the night bolt and the partial opening can be fitted.
- with door height less than 205 cm, the night bolt or the partial opening can be fitted.
- with door height of less than 201 cm night the night bolt cannot be fitted.
- the night bolt cannot be mounted with the service lock.

DOOR CLOSER



SLIDING DOOR CLOSER CISA Professional Plus force is gradually adjustable from 1 to 3.
Finish:

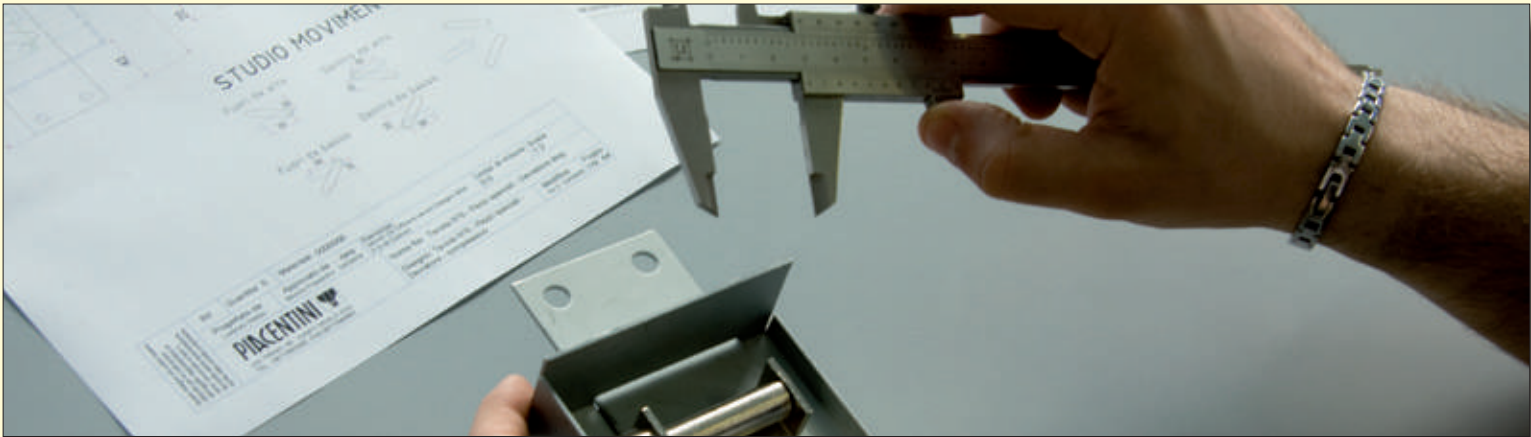
- opaque black (from series);
- aluminum;
- dark brown.



CHARACTERISTICS of the door closer compared to the Uni En 1154:2003 norm

	Classification grades	Classification
Utilization	3/4	4 (allows the closing of the door starting from a minimum angle opening of 180°)
Resistance	8	8 (500.000 cycles)
Force and door mass	1/2/3/4/5/6/7	1-2-3 (max width 1000 mm, max weight 75 kg)
Fire resistance	0/1	0 (not fit for use on fireproof doors)
Personal safety	1	1 (safe at the moment it is utilized)
Corrosion resistance	0/1/2/3/4	4 (very elevated resistance)

Other technical data:
-The force is adjustable from 1 to 3.
-Choose between final hit or slowed.
-Courtesy stop when opening.
-Premounted anchor.



BLOCK2 deviator quality control.

ANTI-PANIC HANDLE matched always with pulling door



Cisa 59607 anti-panic handle

Characteristics of the anti-panic handle compared with the Uni En 1125:1997 norm

	Classification grades	Classification
Category Use	3	3 (public place)
Duration	6/7	7 (200.000 cycles)
Door Mass	5/6/7	6 (max weight 200 kg)
Fire Resistance	0/A/B	0 (not fit for use on fireproof doors)
Personal Safety	1	1 (secure during use)
Corrosion Resistance	3/4	4 (very high resistance)
Goods Safety	2	2 (secondary to the personal safety)
Handle protrusion	1/2	1 (up to 150 mm)
Handle operation	A/B	A (operated by pushing)
Field of application of the doors	A/B/C	B (Single leaf door)

Attention: the Dolmen model armored door with anti-panic handle is not an anti-panic door (emergency exit), it is not to be used as an emergency exit because once the security bolts have been inserted they can be unblocked only by turning the key again.



NOTE: For a double leaf door, the anti-panic handle can only be mounted on the larger leaf, the smaller leaf remains fixed.

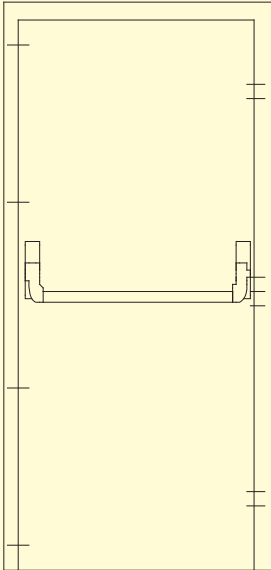
ANTI-PANIC HANDLE AND MOTTURA SECURITY LOCK matched always with a pulling door. The armored door model Dolmen with the Mottura anti-panic handle can be used as an emergency exit.



Mottura Gorilla 86530 anti-panic handle and security lock.



Lock in detail.



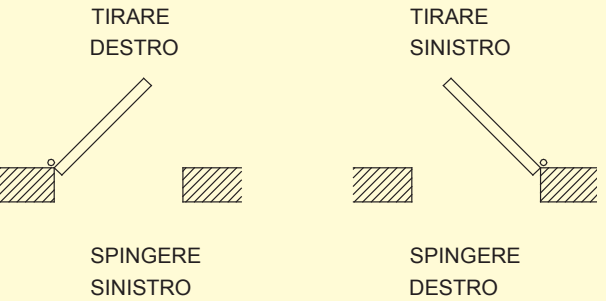
Closing points of the Dolmen model armored door with anti-panic handle and security lock Mottura model Gorilla 86530.



Features of the anti-panic handle and security lock with respect to Directive 89/106 / EEC

	Classification grades	Classification
Category Use	3	3 (public place)
Duration	6/7	7 (200.000 cycles)
Door Mass	5/6/7	6 (max weight 200 kg)
Fire Resistance	0/A/B	0 (not fit for use on fireproof doors)
Personal Safety	1	1 (secure during use)
Corrosion Resistance	3/4	4 (very high resistance)
Goods Safety	2	2 (secondary to the personal safety)
Handle protrusion	1/2	1 (up to 150 mm)
Handle operation	A/B	A (operated by pushing)
Field of application of the doors	A/B/C	B (Single leaf door)

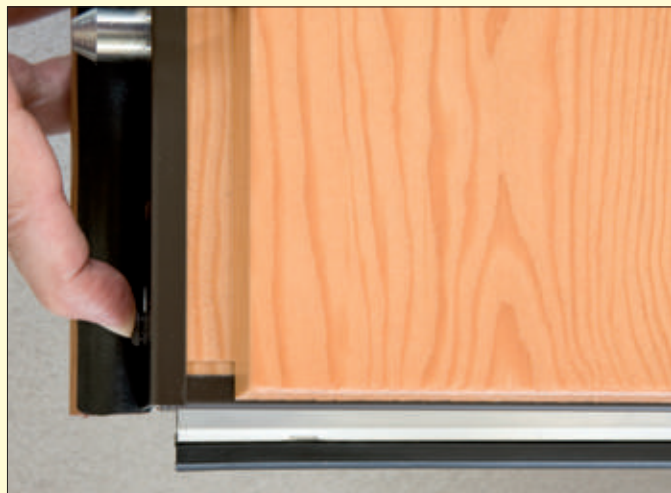
TECHNICAL NOTES: the certification of the Mottura model handles 86530 Gorilla is only for single-leaf door maximum 130x250. The maximum recommended by us is 119x249.



NOTE: To indicate the direction of opening of a door with an anti-panic handle correctly, a pulling system is used. To avoid countless errors of interpretation, when you order this item it will come with a drawing in order to better understand which way the door opens. It is recommended that you indicate on the drawing on which side of the door you would like to place the door panels, if different between inside and outside.

NOTE: For a double leaf door, the Gorilla anti-panic handle can only be mounted on the larger leaf, the smaller leaf remains fixed. Certification with respect to the 89/106 / EEC is no longer valid.

OPTIONAL FROM SERIES OR ADDITIONALS for the Dolmen model armored door



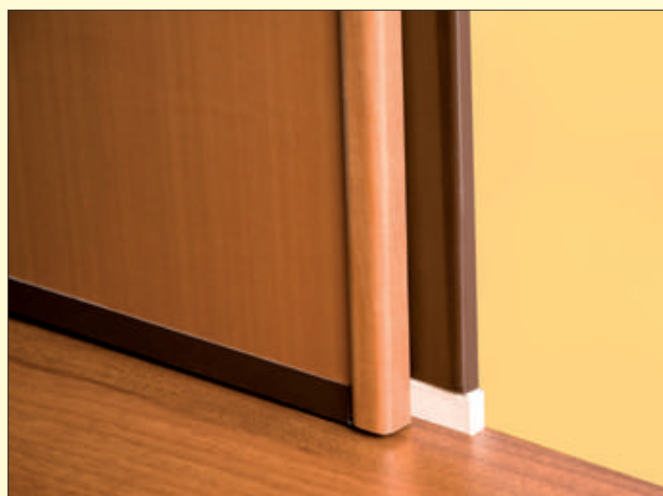
DRAFT GUARD* tested 200.000 cycles of opening and closing



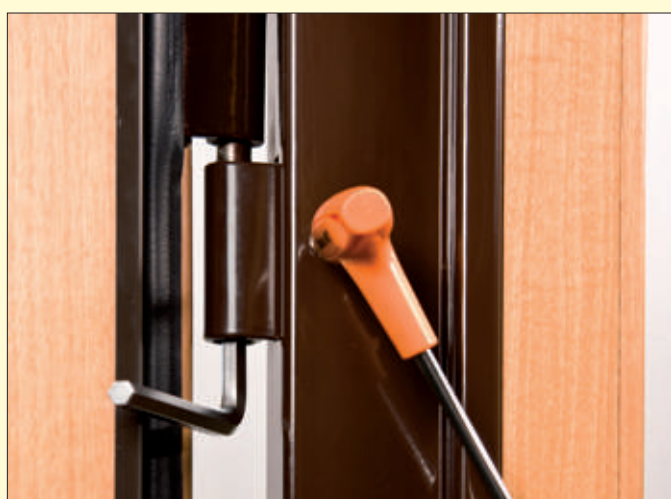
PARTIAL OPENING



VISIBLE STOPPER
ALUMINUM BAR STOPPER ** N54x20
(see technical details pg. 186)



STOPPER IS NOT VISIBLE
it is indispensable that the marble threshold protrudes internally by 1 cm (see technical details pg. 187).



SPHERE HINGE adjustable vertically and horizontally. Once the correct placement has been found there is no need to tighten other screws



THIRD*** CENTRAL HINGE



NOTE: * Test report. 226241 issued 30/05/2007 GIORDANO INSTITUTE.

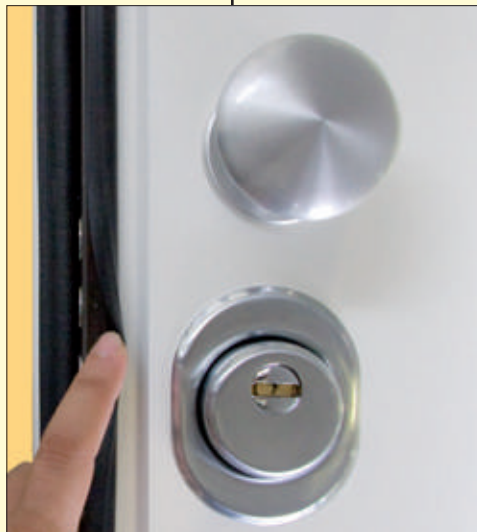
** The visible aluminum bar stopper N54x20 is not included.

*** THIRD CENTRAL HINGE is recommended for doors with measurements superior to 110x240 cm.

THERMO-ACOUSTIC KIT
composed of these three
options



INSULATION rockwool*



DOUBLE SEAL ON THE DOOR



WALL-CHASSIS SEAL 12x13 mm



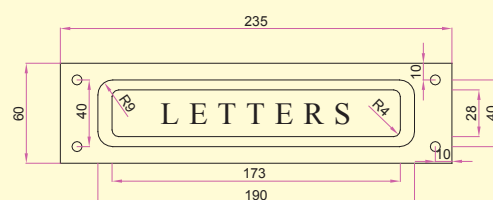
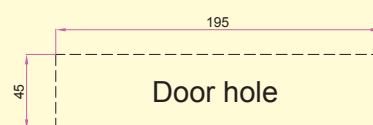
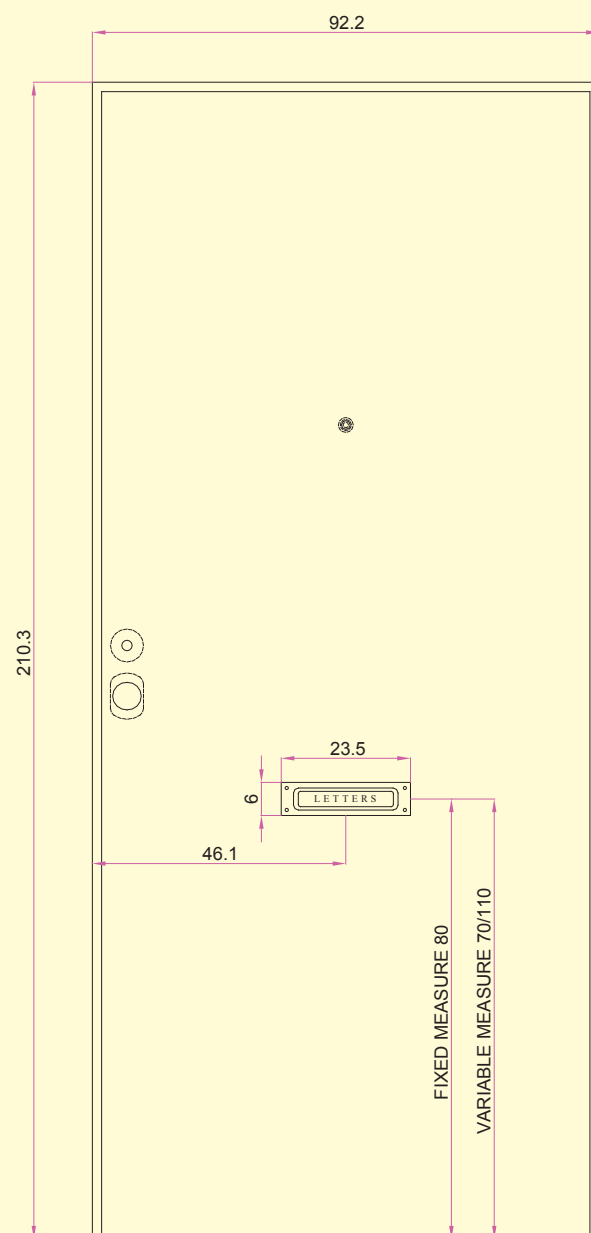
ALUMINUM BAR STOPPER KA19

WATER KIT
composed of these four
options

NOTE:

* Rockwool GEOLAN B - 040 characteristics: density 40 Kg/m³ - thermal conductivity 0,035 W/m²K - sound proofing power Rw dB 51.

MAIL SLOT



The mail slot does not have an inner cover. Opening the flap allows you to see directly inside the house. To mount the cover there must be a flat surface minimum 6,5x24 cm. The slot will be positioned 80 cm from the ground in the center of the door, unless otherwise specified. The height can vary from 60 cm to 120 cm off the ground in case of any problems presented due to the exterior panel. The opening for the letter is 2,8 x 17,3 cm. The space required for the mail slot 4,5x19,5 cm.



MAIL SLOT polished brass finish.

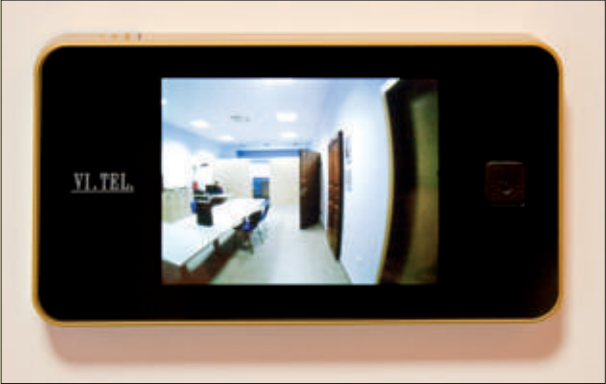


DIGITAL PEEPHOLE



Interior view

With the digital peephole we can see the benefits of a clear and magnified image. With the traditional peephole the image is poor, the elderly often have difficulty seeing the outside or cannot reach the eye because of their height.



DIGITAL SCREEN brass
Interior view

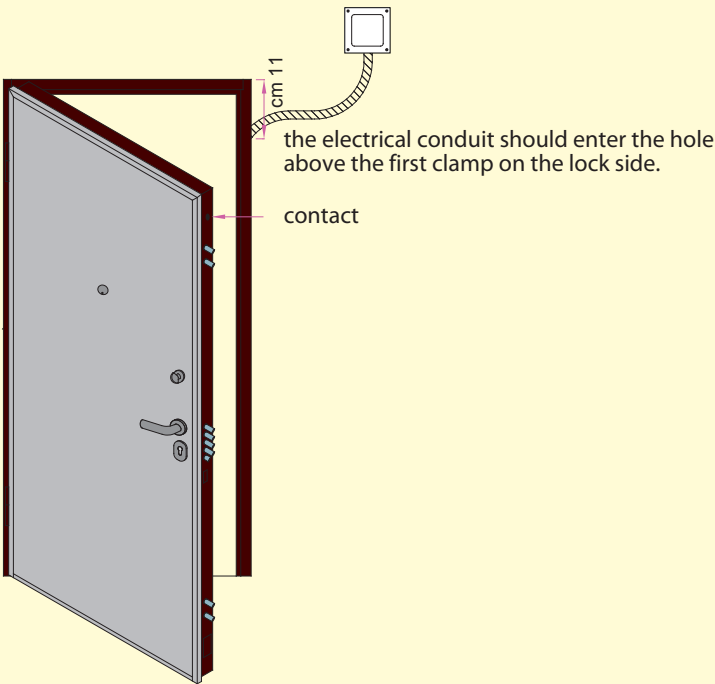


DIGITAL PEEPHOLE brass
Exterior view

TECHNICAL NOTES:

- | | |
|----------------|---|
| -LCD Sreen | TFT 3,2" |
| -Dimensions | 125x68x15 mm |
| -Viewing angle | 105° |
| -Power supply | 2 batterie stilo AAA (batterie incluse) |
| -Power down | automatically after 10 seconds |
| -Color | brass and satin chrome |

MAGNETIC CONTACT for alarm systems (only for single-leaf doors).



TECHNICAL NEWS:

- | | |
|---------------------|--|
| - Contact | N.C. (with magnet close by) |
| - Magnet | N35 |
| - electrical specs. | 0,4A 100Vc.c. resistive load |
| - Conductors | 2 wires, cross section 0,32 mm², length 450 mm |
| - Reach | pull up to 10 mm |
| - Certification | CE, UL |

BASEBOARD and brass nails



BASEBOARD WITH BRASS nails



BRASS nails



Detail

TECHNICAL NOTES:

Baseboard height 200 mm thickness 9 mm.

Nails are pyramid-shaped with a base of 30 mm.

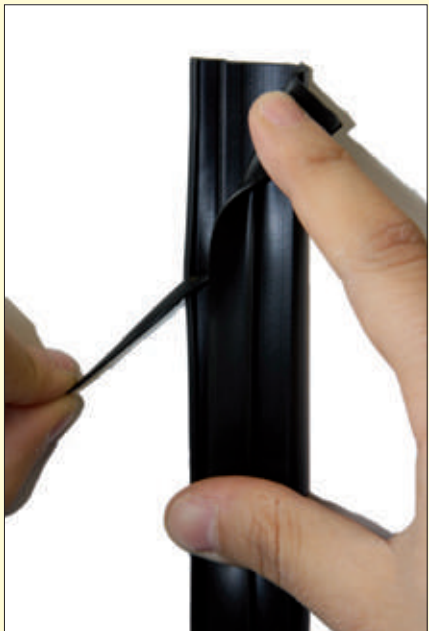
The number of nails can be reduced, minimum 6.

Upon request, the nails can be mounted diagonally.

It is made of raw brass, it soon develops a natural oxidation which gives it a burnished color.



DOUBLE SEAL

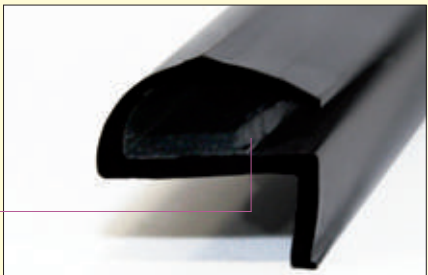


ADDITIONAL PROPERTIES of the displayed seals.

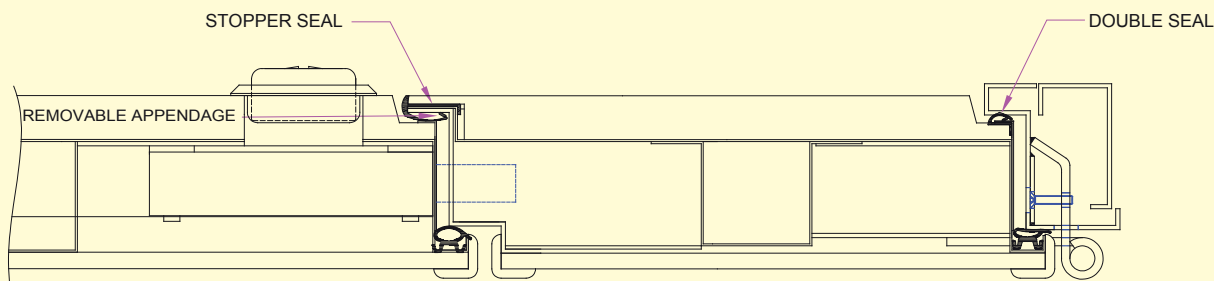
On the seal there is a removable flap that reduces the thickness by 0,7mm if adjustments are needed. (The white seals do not come with the removable flap)



BUMPER SEAL on the small leaf



DOUBLE SEAL on the door



HINGE COVERS



HINGE COVERS available in polished brass and match with the polished brass handle set.



HINGE COVERS available in satin chrome and match with the satin chrome handle set.

Optional

HANDLES

Aluminum brass GCTOL (standard on GLOVE Series)



America handle



Pegaso knob 60



defender key
hole covering



Yale key hole
covering

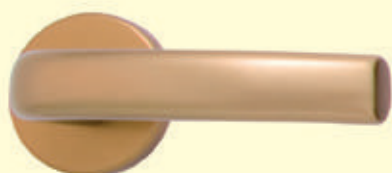


partial opening
knob



peephole

Bronzed Aluminum F4 (standard on MINERVA Series except for partial opening knob)



America handle



Pegaso knob 60



defender key
hole covering



Yale key hole
covering



partial opening
knob



peephole

Aluminum satin chrome GCTCS



America handle



Pegaso knob 60



defender key
hole covering



Yale key hole
covering

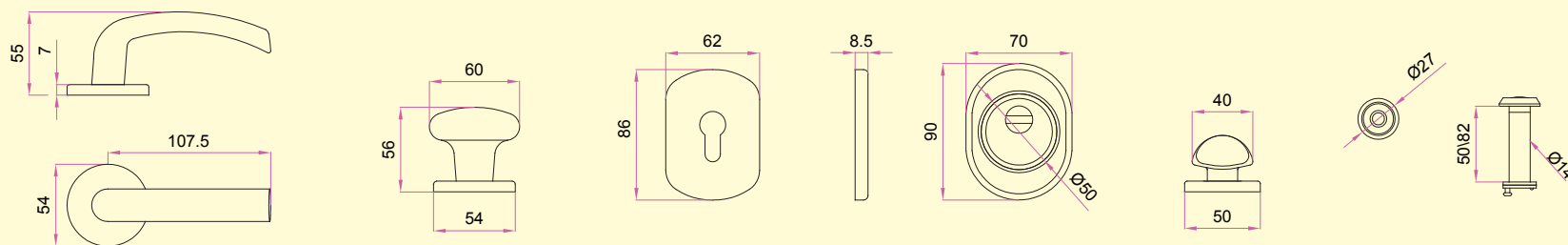


partial opening
knob



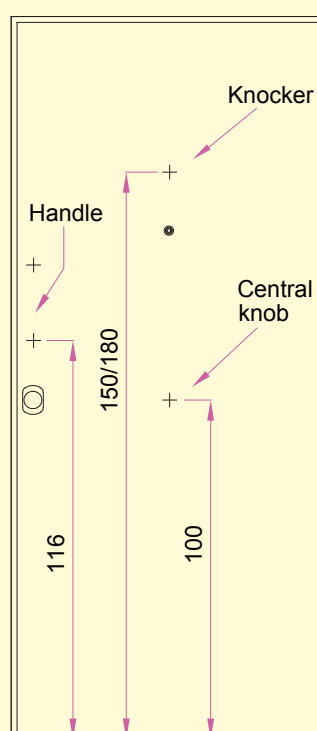
peephole





Anchoring of stopper, handle and knob

The anchoring holes will be made as in the design, if not specifically requested in other points, after a feasibility check.



FINISH LEGEND relative to the exposure and use resistance*

material	abbreviations	Finish description	best exposure condition (placement inside of a condominium)	worst conditon (external placement in front of the ocean)
aluminum	GCTOL	ghi.co.tec polished brass	2 years	5 months
aluminum	F4	anodized bronze	10 years	10 years
aluminum	GCTCS	ghi.co.tec satin chrome	5 years	2 years
brass	OLV	lacquered polished brass	2 years	3 months
brass	PVD	polished brass pvd	10 years	3 years
brass	OGV	lacquered aged brass	5 years	8 months
brass	OCS	satin crome brass	10 years	1 year
stainless	INOX	stainless steel	10 years	10 years

NOTE:

* The evaluation of the exposure resistance is based on our practical experience, considering the use by a family of 4 people; even if the indicated time has passed the handle remains functional and aesthetically acceptable, but it begins to show signs of wear.

Optional

OLV* POLISHED BRASS HANDLES



Ring knocker



Marzia handle



Impero handle





Novecento handle



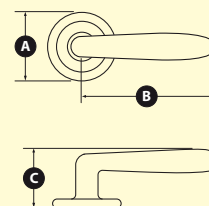
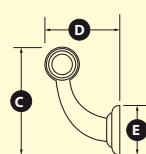
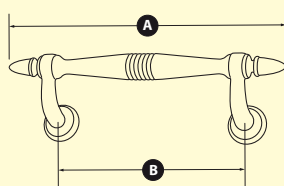
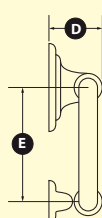
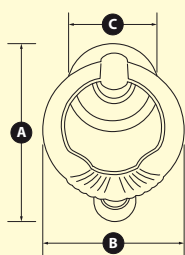
Elite handle



Pigna handle



Ginevra handle OLS**



Name	Measurements mm					attachment
	A	B	C	D	E	
Ring knocker	154	136	70	59	101	rosette A
Marzia handle		220		77	45	screw/rosette
Impero handle	271	147	47	73	28	10 hole
Novecento handle	45	112	66			Q8
Elite handle	45	120	67,5			Q8
Pigna handle	50	73	85			Q8
Ginevra handle OLS**	50	114	58			Q8

NOTE:

* The lacquered polished brass OLV is matched to the defender and Yale key hole coverings and to the partial opening knob made of polished aluminum brass GCTOL.

** OLS Polished satin brass, has the same characteristics of the OLV (see the finish legend pg. 181).

Optional

BRASS HANDLES PVD*



Marzia handle



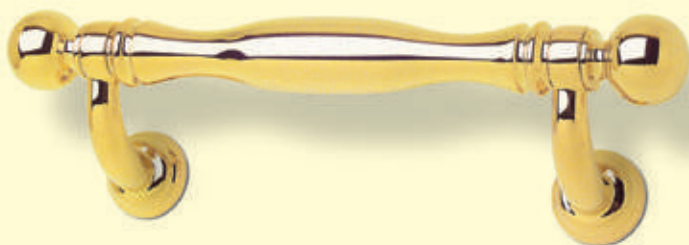
Ring knocker



Spanish handle



Spanish knocker



Carlton handle



English knocker



Hilton handle



Lion knocker





Uno handle



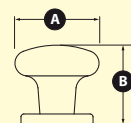
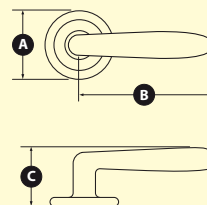
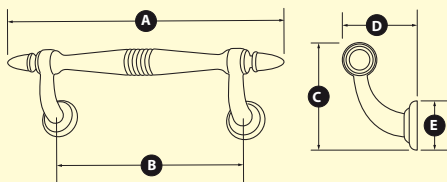
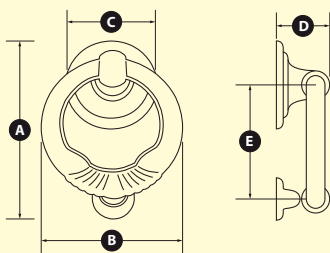
Pigna handle



Pegaso knob 60



Pegaso knob 70**



name	measurements mm					attachment
	A	B	C	D	E	
Marzia handle		220		77	45	screws/rosette
Spanish handle	320	280	80	88	45	rosette B
Carlton handle	340	235	94	73	44	rosette B
Hilton handle	307	230	90	68	44	rosette B
Anello knocker	154	136	70	59	101	rosette A
Spanish knocker	155	118	79	60	100	rosette B
English knocker	163	110	79	63	107	rosette B
Lion knocker	193	115		42,5		screwed
Uno knocker	45	111	62			Q8
Pigna knocker	65	73	87			Q8
Pegaso knob 60	60	56				Q8
Pegaso knob 70	70	57				rosette D

NOTE:

* The handle PVD polished brass is matched to the defender and Yale key hole coverings and to the partial opening knob made of polished aluminum brass GCTOL.

** Pegaso knob 70 can only be mounted at the center of the door.

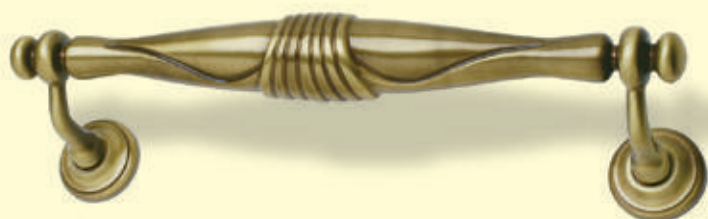
AGED BRASS HANDLES OGV*



Marzia handle



Ring knocker



Spanish handle



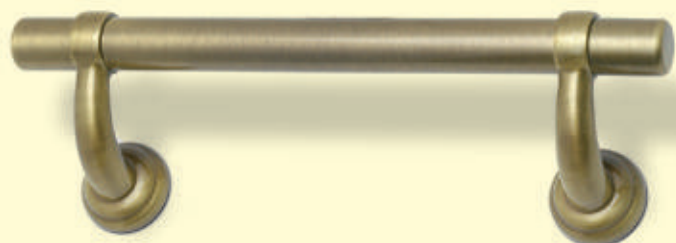
Spanish knocker



Carlton handle



English knocker

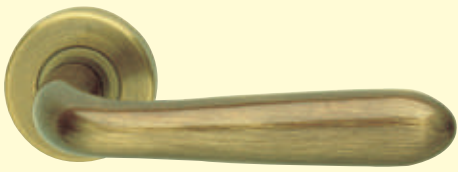


Hilton handle



Lion knocker

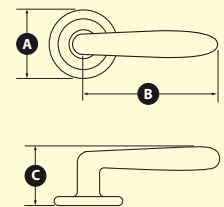
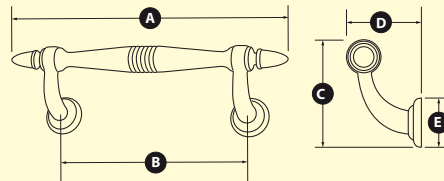
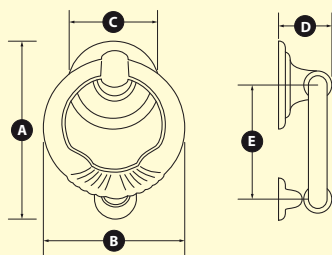




Uno handle



Pigna handle



name	measurments mm					attachment
	A	B	C	D	E	
Marzia handle		220		77	45	screw/rosette
Spanish handle	320	280	80	88	45	rosette B
Carlton handle	340	235	94	73	44	rosette B
Hilton handle	307	230	90	68	44	rosette B
Ring knocker	154	136	70	59	101	rosette A
Spanish knocker	155	118	79	60	100	rosette B
English knocker	163	110	79	63	107	rosette B
Lion handle	193	115		42,5		screwed
Uno handle	45	111	62			Q8
Pigna handle	50	73	82			Q8

NOTE:

*The aged brass handle OGV is matched to the defender and Yale key hole coverings and to the partial opening made of bronzed aluminum F4.

Optional

SATIN CHROME HANDLES OCS*



Marzia handle



Ring knocker



Spanish handle



Spanish knocker



Carlton handle



English knocker



Hilton handle





Uno handle



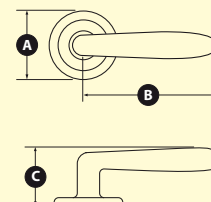
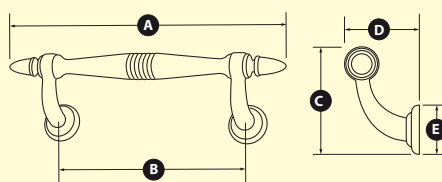
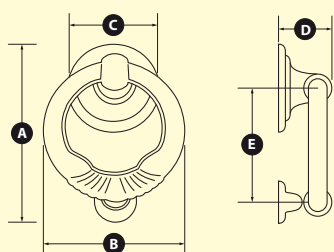
Pigna handle



Galileo Q handle **



Frame handle ***



name	measurements mm					attachment
	A	B	C	D	E	
Marzia handle		220		77	45	screw/rosette
Spanish handle	320	280	80	88	45	rosette B
Carlton handle	340	235	94	73	44	rosette B
Hilton handle	307	230	90	68	44	rosette B
Ring knocker	154	136	70	59	101	rosette A
Spanish knocker	155	118	79	60	100	rosette B
English knocker	163	110	79	63	107	rosette B
Uno handle	45	111	62			Q8
Pigna handle	50	73	85			Q8
Galileo Q handle	50	106	58,5			Q8
Frame handle	50	130	52			Q8

NOTE:

* The satin chrome brass OCS is matched to the defender and Yale key hole coverings and the partial opening made of satin chrome aluminum GCTCS.

** OCL polished brass chrome, has the same characteristics of the OCS.

*** aluminum finish F1-SAT

STAINLESS STEEL HANDLES*



Hilton handle



Steel handle 101



Ermitage handle



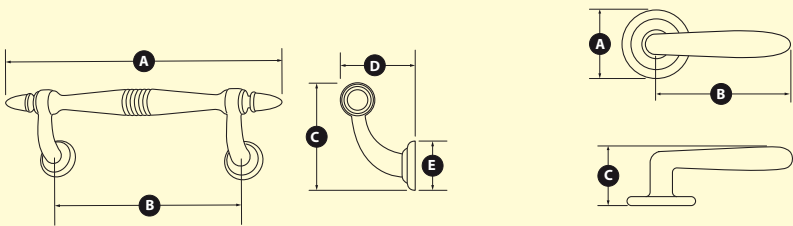
Steel handle 102



Ginevra handle



Ginevra handle



Carlton handle

name	measurments in mm					attachment
	A	B	C	D	E	
Hilton handle	306	230	90	80	34	rosette C
Ermitage handle	387	230	126	84	34	rosette C
Steel 101 handle		252		62	25	hole 15
Steel 102 handle	500	350		75	25	hole 15
Ginevra handle		252		59	52	screw/rosette
Carlton handle	333	230	95	85	34	rosette C
Ginevra handle	50	114	58			Q8

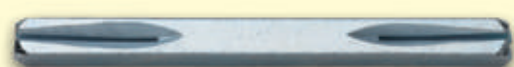
ATTACHMENTS

All the declared attachments are included in the packs



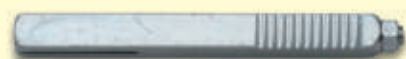
Iron Q8x100/110 friction

Serves for the fixation of the axis of the internal handle and of the external knob. The external knob does not have the sliding function (length Q8x100 mm external panel 7 mm - Q8x110 mm external solid panel 20 mm).



Iron Q8x160 passing

Serves for the fixation of the axis of the internal and external handle; both slide, it is used for armored doors with room pass function (one length Q8x160 mm).



Iron Q8x80 expansion

Serves for the fixation of the only internal handle; it is used for example when the knob is placed externally at the center (one length Q8x80 mm).



attachment rosette A
M14 - diameter 31 - pin 6



attachment rosette B
diameter 27 - pin 9



attachment rosette C
diameter 35 - pin 12



attachment rosette D
M 10 - hexagon 17



attachment hole 10
M 6** - pin 10



attachment hole 15
M 6** - pin 15

NOTE:

The handles are from Ghidini www.ghidini.com and Royal Pat www.royalpat.it, for other models visit the indicated sites.

* The stainless steel handle is matched to the defender and Yale key hole coverings and the partial opening knob made of satin chrome aluminum GCTCS.

** Ideal sheet hole of the armored door diameter 4,5 mm for M6.

GLASS is a fundamental component for an armored door, it is used for: *skylights, windowed doors and door with side windows.*

ARCHED SKYLIGHT



exterior view


FLAT ARCHED SKYLIGHT



interior view

Model: **Sara + Matta AP V**
Type: **Rovere massello**
Color: **medium walnut stain**



 The arched skylight is made with a flat profile above the door frame. Externally the contour is normal, internally there are two protruding edges. This is because the door frame has a thickness of 65 mm, while the arch has a thickness of 20 mm. This low profile is useful when there is little space under the architrave as seen in the picture above. We can make a round arch or low arch. When the masonry arch is present, we recommend you send an important gauge of cardboard, in addition to its measures, to avoid errors.

RECTANGULAR SKYLIGHT



exterior view



interior view

Model: *Dolomite*
Type: *Okumè veneered with durmast*
Color: *medium walnut stain*



WINDOWED DOOR rectangular



detailed exterior view



detailed interior view

WINDOWED DOOR arched



detailed exterior view



detailed interior view



DOOR WITH SIDE WINDOWS



detailed exterior view



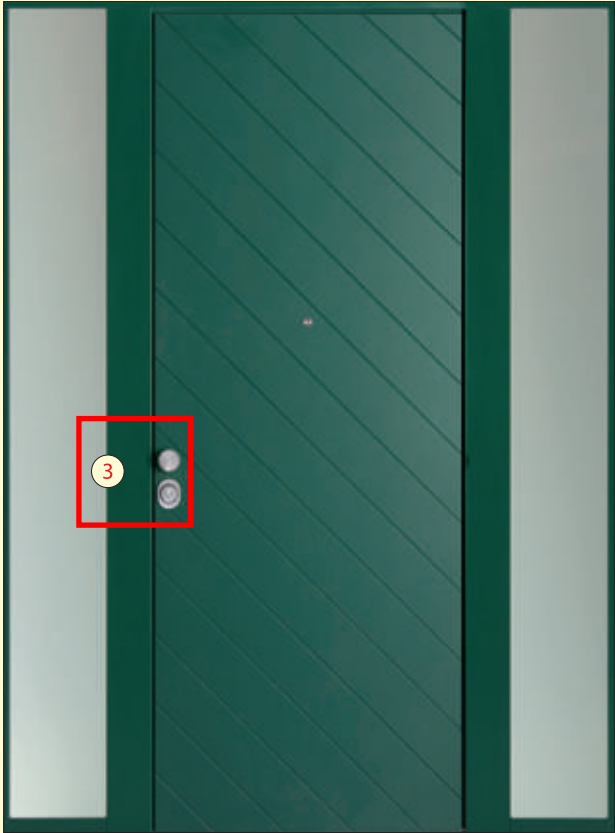
detailed interior view



WINDOWED DOOR rectangular



WINDOWED DOOR arched



DOOR WITH SIDE WINDOWS

COMPOSITION, CHARACTERISTICS AND CERTIFICATIONS

The first thing to choose about the glass is the composition, knowing that only the bulletproof glass SG 19/21 allows for the conservation of the class 3 anti-burglary certification of the Dolmen model armored door.

The next thing to choose is the finish of the glass:

transparent

opaque

smoked

mirror

white satin

bronze satin

Characteristics of each finish:

transparent: allows for maximum light passage;

opaque: allows for a good light passage with a diffused light effect and no exterior view;

white/bronze satin: more elegant than the opaque, but from the exterior it is possible to see a person's silhouette well, especially if the interior is illuminated;

smoked: elegant glass, but from the exterior it is possible to see a person's silhouette well, especially if the interior is illuminated;

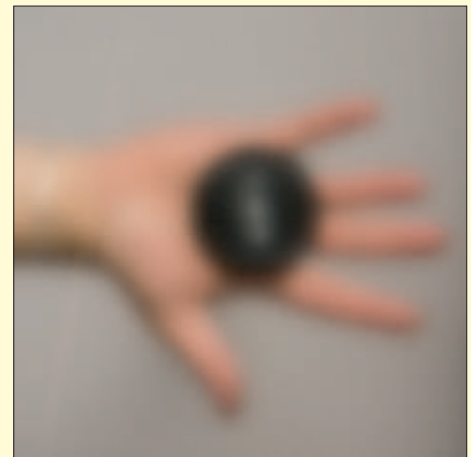
mirror: ... the mirror effect is seen from the side where there is more light. By day from the exterior, while by night from the interior, illuminated.



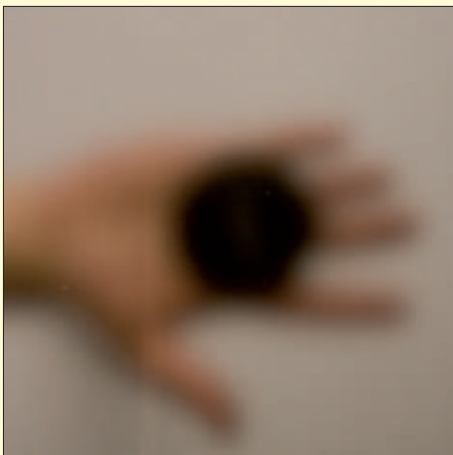
Transparent



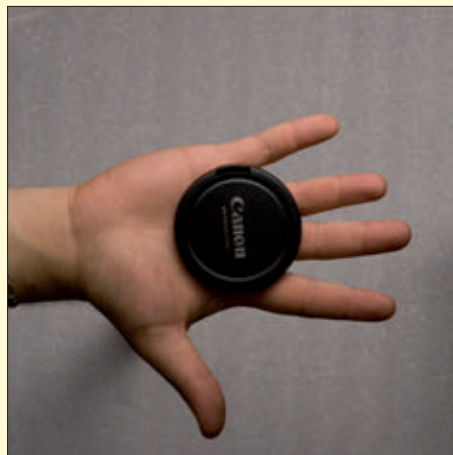
Opaque



White satin



Satin bronze



Smoked



Mirror

Useful information:

the minimum measure of glass is 10 cm, the maximum thickness that can be housed in the armored door Dolmen model is 30 mm.

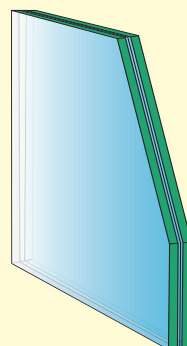
When an armored door is ordered without glass supply, indicate always the thickness of the glass that will be housed.

When the type of glass is not specified in the order, "opaque 10/11 shatterproof" is mounted.



Test results, shatterproof glass 10/11:

Anti-burglary: Uni En 356 class NPD*
 Anti-vandalism: Uni En 356 class NPD*
 Shock resistance: Uni En 12600 class 1B1
 Thermaltransmittance: UniEn673 Ug=5,6W/m²k
 Acoustic isolation: Uni En 12758 Rw 35db±1

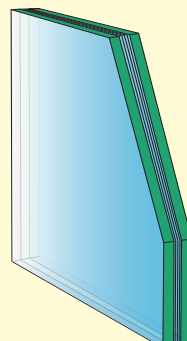


Composition:
 glass + PVB + glass
 5 + 0,38 + 5
 n°1 PVB sheet

Finish:
 trasparente, opaque,
 white satin, satin bronze,
 smoked, mirror.

Test results, bulletproof glass** SG 19/21:

Anti-burglary: Uni En 356 class P7B
 Anti-vandalism: Uni En 356 class P5A
 Bulletproof: Uni En 1063 class BR2/S
 Thermaltransmittance: UniEn673 Ug=4,9W/m²K
 Acoustic isolation: Uni En 12758 NPD*

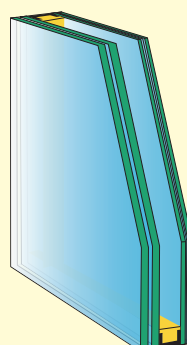


Composition:
 glass + PVB + glass
 8 + 4,56 + 8
 n°12 PVB sheets

Finish:
 trasparente, opaque, white
 satin, mirror.

Test results, glass chamber P01 28/30:

Anti-burglary: Uni En 356 class NPD*
 Anti-vandalism: Uni En 356 class NPD*
 Shock resistance: Uni En 12600 class 1B1
 Thermaltransmittance: UniEn673 Ug=1,6W/m²k
 Acoustic isolation: (estimated value) Rw 39 db±1

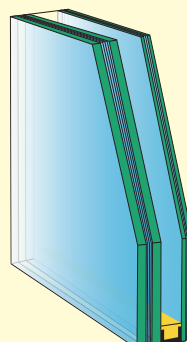


Composition:
 glass + air chamber + glass
 10/11 + 12 + 6/7
 glass 6/7 low emissions

Finish:
 trasparente, opaque, white satin,
 bronze satin, smoked, mirror.

Test results, glass chamber P20** 37/39:

Anti-burglary Uni En 356 classe P7B
 Anti-vandalism Uni En 356 classe P5A
 Bulletproof Uni En 1063 classe BR2/S
 Thermal transmittance Ug=1,2 w/m²k
 Acoustic isolation: (estimated value) Rw 45db



Composition:
 glass + Argon gas chamber + glass
 19/21 + 12 + 6/7
 Vetro 6/7 low emissions

Finish:
 trasparente, opaque, white satin,
 mirror.

Test report bulletproof glass SG 19/21:

Stazione Sperimentale del Vetro
 Milano - Via Broletto 10
 Tel. 02/583111 - Fax 02/583112

RAPPORTO DI PROVA - TEST REPORT N. 10584/2002 pag. 1 di 3

Modulo: 19/21
 Cliente: NITVA VETRO S.R.L.
 Indirizzo: ZONA IND. TACCHINI - 40137 SANREMO (MARITIME) (MC)
 Oggetto: Vetro stratificato Laminated glass
 Data emissione del: 17/03/2002
 Data validità: 18/03/2002
 Committente: SECURGLASS 19/21
 Tecnico: 20/02/2002 a mezzo cartina

Attestazione di Prova di Tipo
Type Test Attestation

Vetro anti-effrazione secondo UNI EN 356:2002
 Anti-bomb glass according to UNI EN 356:2002
 Vorgespanntes Glas Widerstand gegen mechanische Angriff nach UNI EN 356:2002
 Vitrages résistants à l'attaque mécanique selon UNI EN 356:2002

Composizione: Vetro stratificato Laminated glass
 Profilamento: VSG Schmelz Taped
 Edificio: Vetro Isolante Reference: SECURGLASS 19/21

Voti e risultati della prova, la composizione può essere classificata come:
 As a result of the test, the sample can be classified as:
 Aufgrund des Prüfergebnisses wird das Profilierung folgendermaßen eingestuft:
 Vitrages résistants à l'attaque mécanique selon UNI EN 356:2002

UNEN 356 P7B

Il risultato di questa prova di classe l'appartenenza consiste nel:

Il RESPONSABILE DEL LABORATORIO
 Emilio Magagnoli

Il RESPONSABILE GENERALE
 Tiziana Tassi

Anti-burglary Uni En 356 P7B

NOTE:

* NPD = No Performance Declared.

** Available in transparent, opaque, and satin white finishes.

Stazione Sperimentale del Vetro
 Milano - Via Broletto 10
 Tel. 02/583111 - Fax 02/583112

RAPPORTO DI PROVA - TEST REPORT N. 10584/2002 pag. 1 di 3

Modulo: 19/21
 Cliente: NITVA VETRO S.R.L.
 Indirizzo: ZONA IND. TACCHINI - 40137 SANREMO (MARITIME) (MC)
 Oggetto: Vetro stratificato Laminated glass
 Data emissione del: 17/03/2002
 Data validità: 18/03/2002
 Committente: SECURGLASS 19/21
 Tecnico: 20/02/2002 a mezzo cartina

Attestazione di Prova di Tipo
Type Test Attestation

Vetro anti-effrazione secondo UNI EN 356:2002
 Anti-bomb glass according to UNI EN 356:2002
 Vorgespanntes Glas Widerstand gegen mechanische Angriff nach UNI EN 356:2002
 Vitrages résistants à l'attaque mécanique selon UNI EN 356:2002

Composizione: Vetro stratificato Laminated glass
 Profilamento: VSG Schmelz Taped
 Edificio: Vetro Isolante Reference: SECURGLASS 19/21

Voti e risultati della prova, la composizione può essere classificata come:
 As a result of the test, the sample can be classified as:
 Aufgrund des Prüfergebnisses wird das Profilierung folgendermaßen eingestuft:
 Vitrages résistants à l'attaque mécanique selon UNI EN 356:2002

UNEN 356 P5A

Il risultato di questa prova di classe l'appartenenza consiste nel:

Il RESPONSABILE DEL LABORATORIO
 Emilio Magagnoli

Il RESPONSABILE GENERALE
 Tiziana Tassi

Anti-vandalism Uni En 356 P5A

Stazione Sperimentale del Vetro
 Milano - Via Broletto 10
 Tel. 02/583111 - Fax 02/583112

RAPPORTO DI PROVA - TEST REPORT N. 10584/2002 pag. 1 di 3

Modulo: 19/21
 Cliente: NITVA VETRO S.R.L.
 Indirizzo: ZONA IND. TACCHINI - 40137 SANREMO (MARITIME) (MC)
 Oggetto: Vetro stratificato Laminated glass
 Data emissione del: 17/03/2002
 Data validità: 18/03/2002
 Committente: SECURGLASS 19/21
 Tecnico: 20/02/2002 a mezzo cartina

Attestazione di Prova di Tipo
Type Test Attestation

Vetro anti-effrazione secondo UNI EN 356:2002
 Anti-bomb glass according to UNI EN 356:2002
 Vorgespanntes Glas Widerstand gegen mechanische Angriff nach UNI EN 356:2002
 Vitrages résistants à l'attaque mécanique selon UNI EN 356:2002

Composizione: Vetro stratificato Laminated glass
 Profilamento: VSG Schmelz Taped
 Edificio: Vetro Isolante Reference: SECURGLASS 19/21

Voti e risultati della prova, la composizione può essere classificata come:
 As a result of the test, the sample can be classified as:
 Aufgrund des Prüfergebnisses wird das Profilierung folgendermaßen eingestuft:
 Vitrages résistants à l'attaque mécanique selon UNI EN 356:2002

UNEN 1063 "BR2/S"

Il risultato di questa prova di classe l'appartenenza consiste nel:

Il RESPONSABILE DEL LABORATORIO
 Emilio Magagnoli

Il RESPONSABILE GENERALE
 Tiziana Tassi

Bulletproof Uni En 1063 BR2/S

Other items

POST STAINING Ral colors* number 3 pieces + bottom cap



Lacquered post Ral 9006



Lacquered post Ral 3031

CHASSIS PAINT Ral* colors



Internal part of chassis lacquered white



Internal part of chassis lacquered Ral 9010 and external part of chassis lacquered Ral 6005



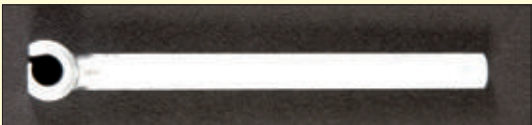
EXHIBITORS for armored doors



Sparta model, color Ral 8017
Available for all armored door sizes



Atene model, color Ral 9006
Only available for 90x210 armored doors



Hinge adjuster (see instructional diagrams pg. 235).



Case for installation kit



Atene model in detail

The installation kit includes: 1 door cassette hardware, 1 knob, 1 handle, 1 partial opening knob with pin and rosette, 1 Yale key hole covering and 1 defender, 1 peephole 50-82 (polished aluminum brass, bronze and satin chrome), 1 peephole 70-120 polished brass, 2 washers for the peephole, 2 iron frictions 100 mm, 2 110 mm, 2 120 mm, 2 iron passings 160 mm, 2 iron expansion 80 mm, 4 niple (attach door center), 3 partial opening levers dx and 3 sx, 2 pins for partial opening., 2 small leaf floor sockets, 1 anchoring pin for partial opening 70, 1 double leaf key, 8 brown hinge cover caps, 8 brown coupling bumper caps, euro Corbin cylinder with ka Piacentini 1 50-35, 1 50-40 and 1 50-50, 1 black defender and 1 black brass, 2 internal washers defender, 20 spacers for defender, anchoring screws defender 4 6x40, 4 6x50, 4 6x60, 2 U-cylinder blockers with 2 screws 5x14, 1 tweezer for extracting the insert, 20 anchoring screws, partial opening lever and spring latch 8x20, 30 panel screws 3,5x12, 10 skylight screws 5,5x25, 30 rivets Ral 8017 3x7, 2 spring latches including washer and screw,

Special Processing

SIDE WINDOWS

Are always present in an important entrance. They are armored fixtures designed to allow maximum light. The side windows can cover a larger space by simply adjusting the size of the glass.

DOOR WITH TWO SIDE WINDOWS



Model: *Oblò/X1*
Material: *aluminum*
Color: *Ral 7035*



DOOR WITH SIDE WINDOWS

When ordering please specify if the window should be placed on the side with the hinges or the side closest to the knob.



Model: *Pantografato a campione*
Material: *Water-repellent MDF*
Color: *Ral 6005*



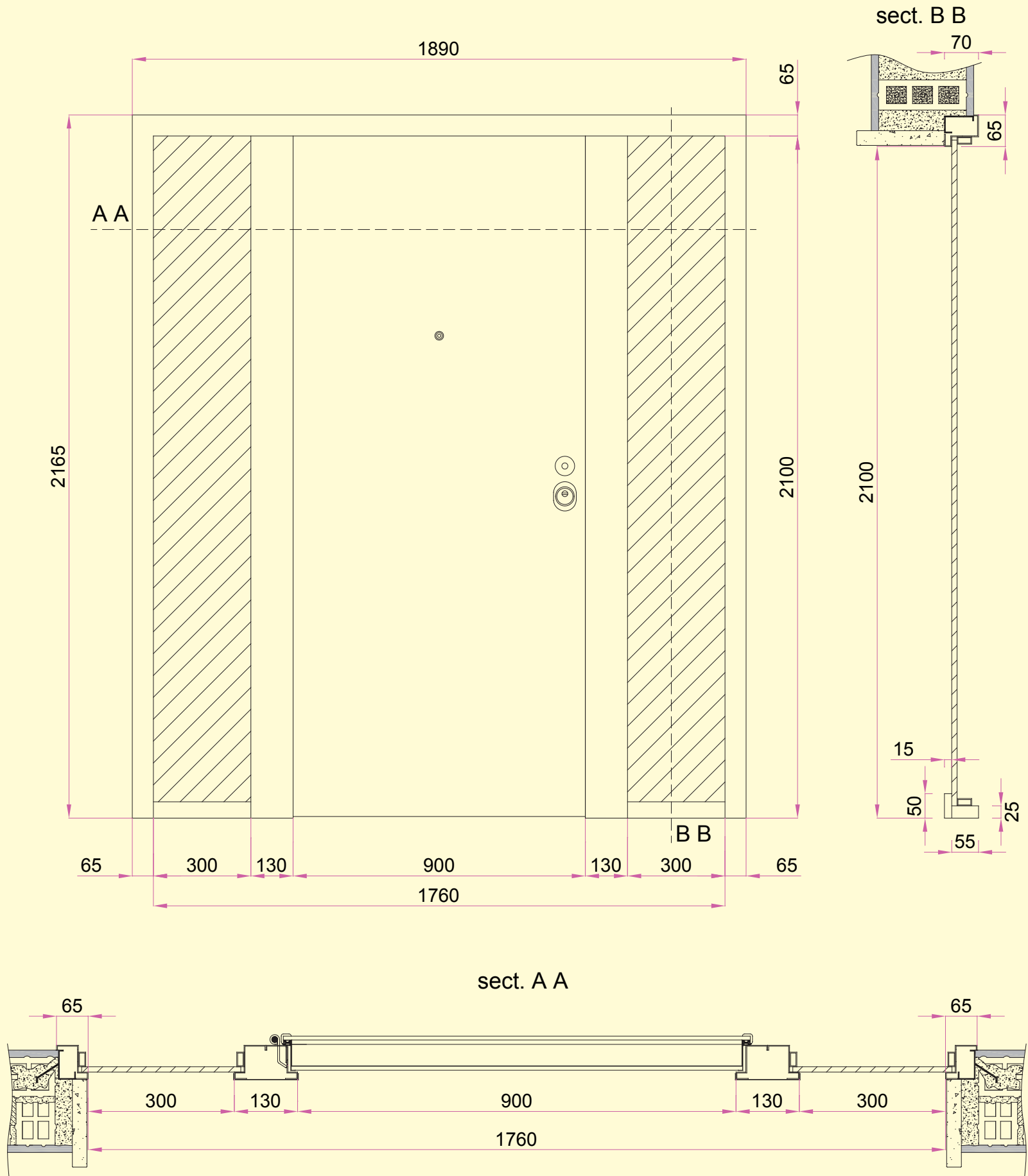
DOOR WITH TWO SIDE WINDOWS



Model: *Spiga/KG*
Material: *aluminum*
Color: *Ral 1013*



SIDE WINDOWS internal wire placement, marble finish



TECHNICAL NOTES:
Side windows are only recommended if there is a large space that needs to be occupied, otherwise it is best to go with a double-leaf door.
E.g. two side windows, net width 176 cm door 90 cm, central posts 13+13 cm, glass 30 cm
one side window, net width 130 cm door 90 cm, central post 13 cm, glass 27 cm
The minimum recommended glass size is 15 cm.

Special Processing

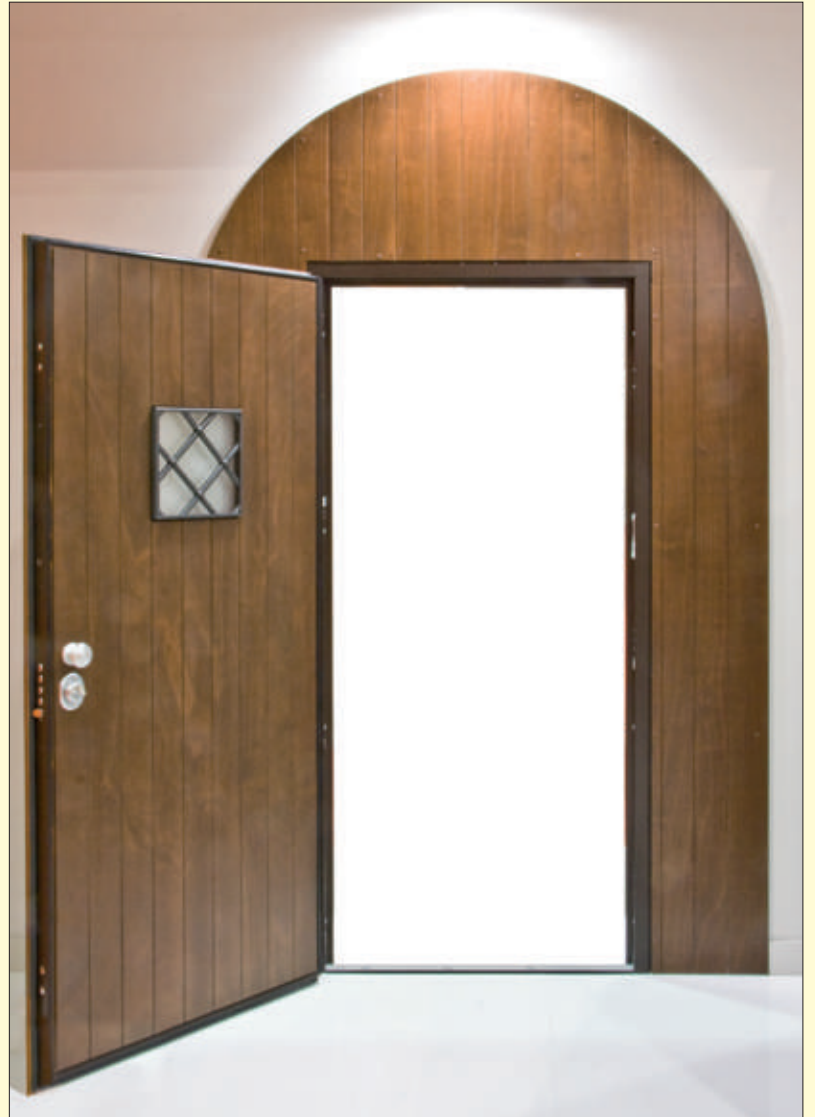
BLIND FLANKS

Blind flanks are ideal for when there is a large opening to close, e.g. a former entrance to a warehouse, or to accomodate a one-leaf armored door or an armored door with two smaller leaves.

ARCHED BLIND FLANK



exterior view



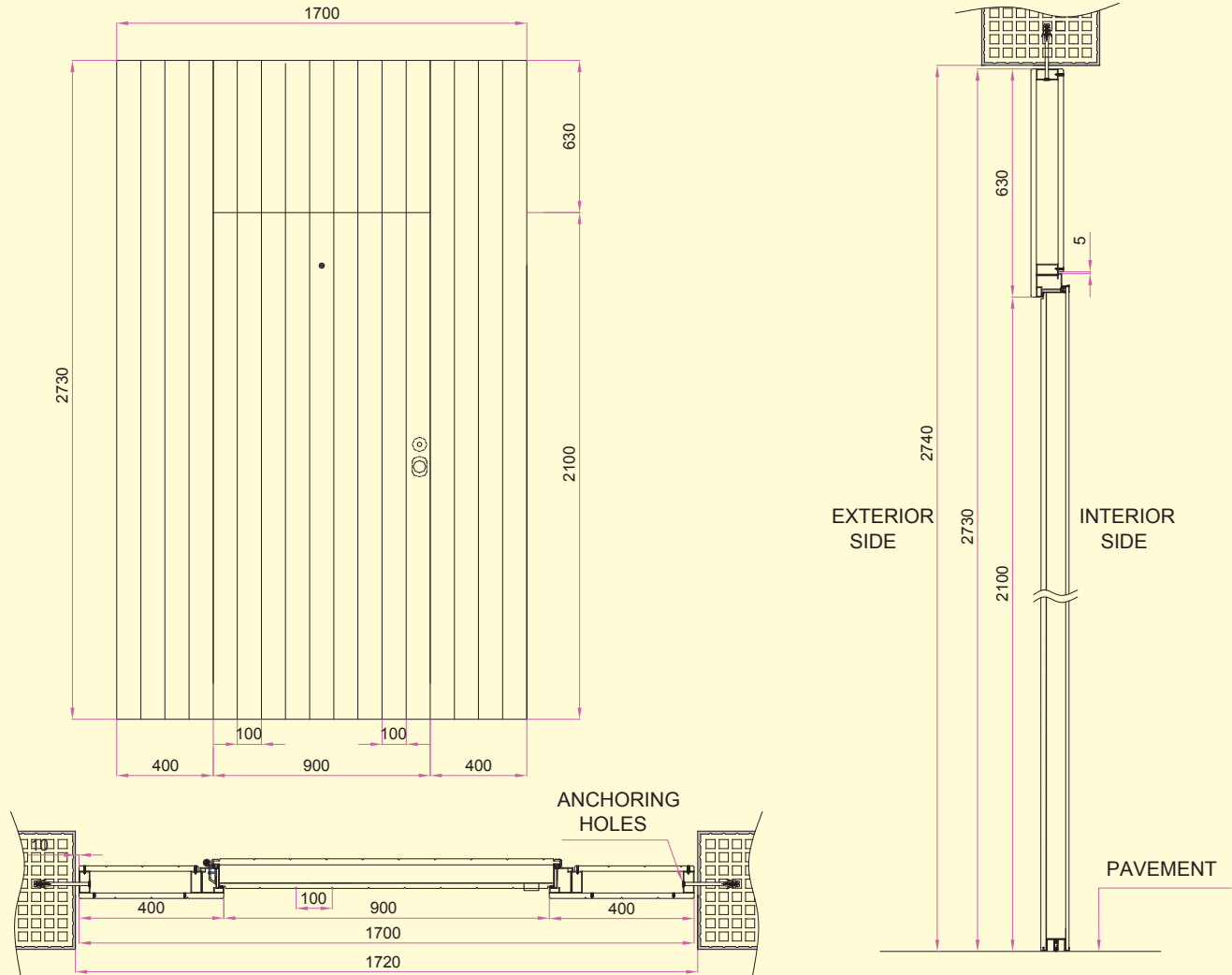
interior view

TECHNICAL NOTES:

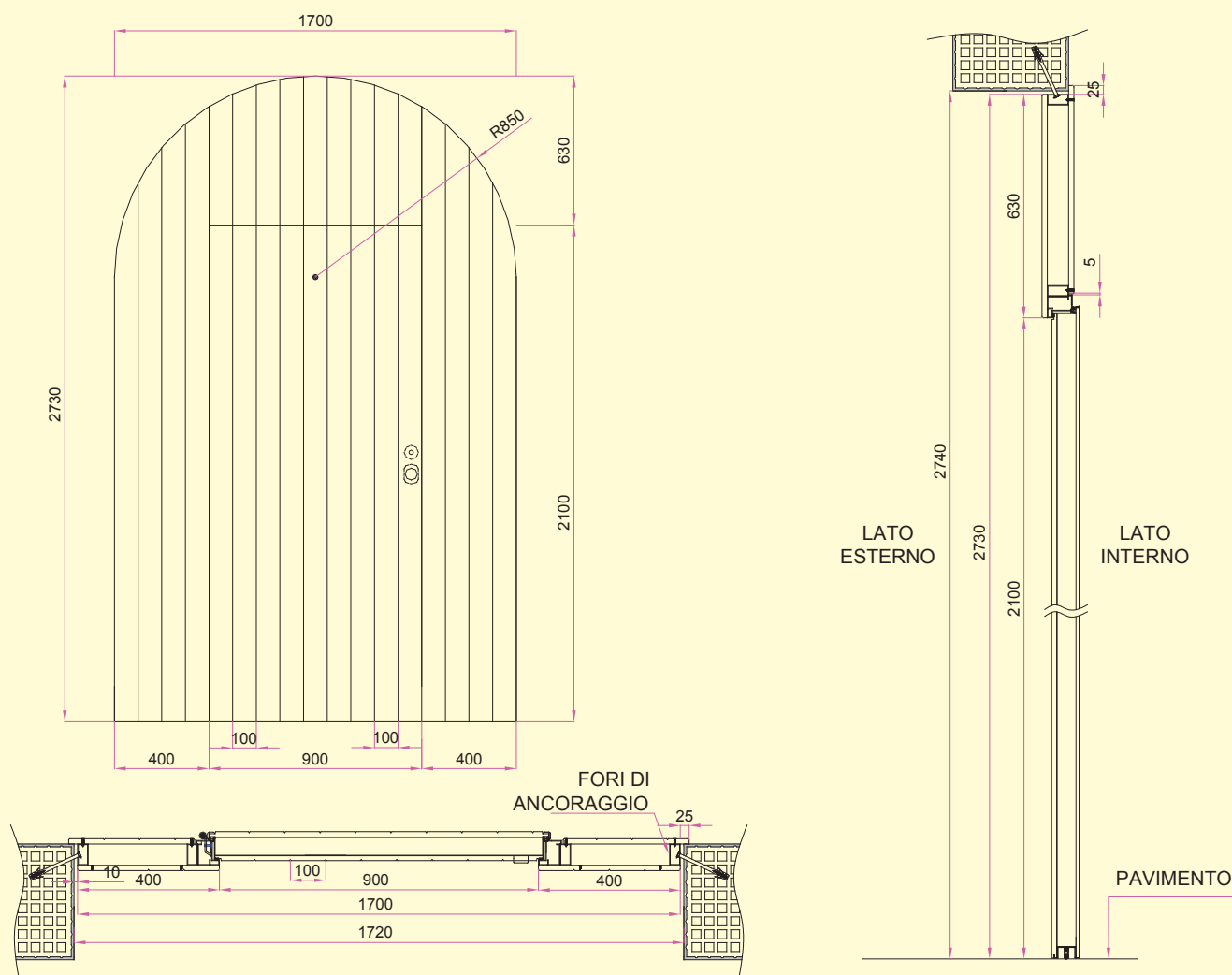
- The panels for the blind flanks are only available in Okumè 15 mm with 3 striations (vertical, horizontal, oblique).
- The panel on the inner side is held by visible screws and will have to be removed if the installation is carried out with pressure screws.
- Inner panel, mounted flush to the door frame. Ideal for fixing the structure to the center wall. E.g. rectangular blind flank design.
- Inner panel, protruding wire frame 2.5 cm. Ideal for fixing the structure to the inner edge, the panel also acts as a finish. E.g. Arched blind flank design.
- The maximum possible size is determined by the smaller side that cannot exceed 270 cm (shipping requirements)



RECTANGULAR BLIND FLANK central wall placement, plaster finish.



ARCHED BLIND FLANK internal wires, plaster finish.



Special Processing

ARCHED DOOR

The arched door has its own personal charm, it normally runs as a round arch or low arch, but with special techniques we can create many different types, even the most unusual.

VARIABLE ARCH

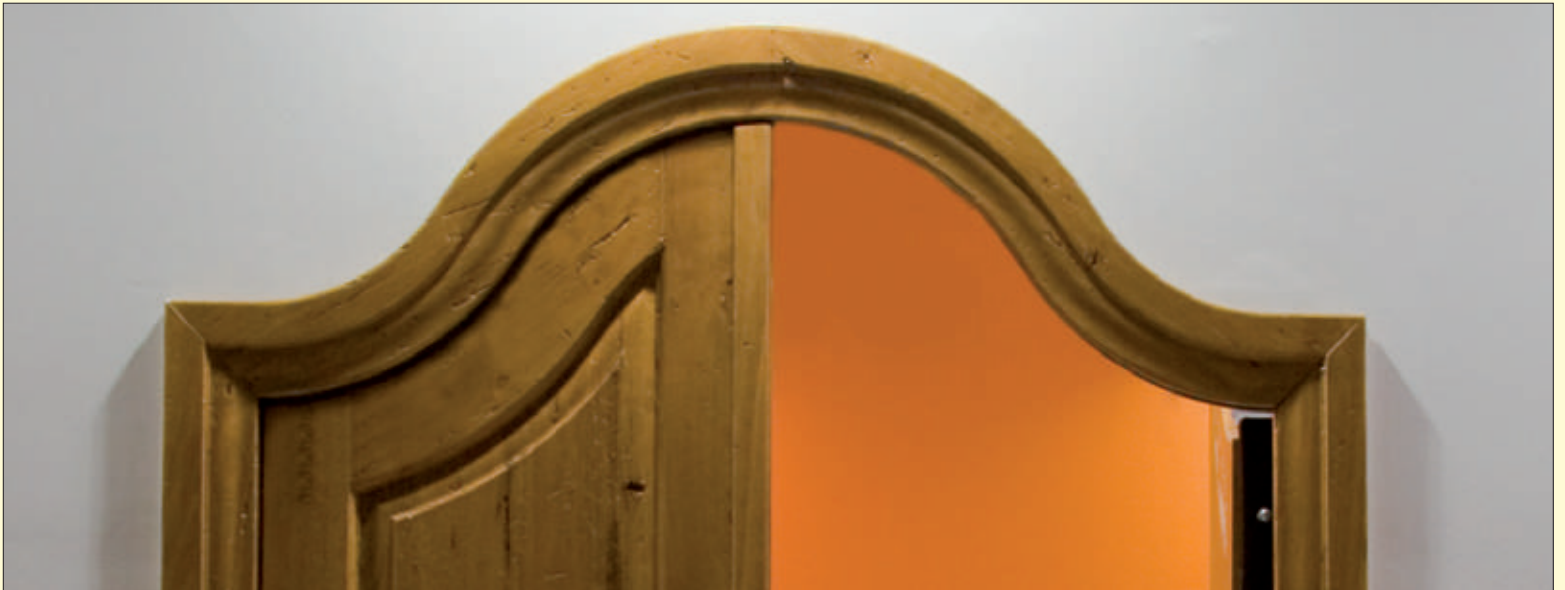


Model:
A campione
Type:
Old Elm
Color:
natural
lightly stained



HARDWOOD COVERING aged wood*

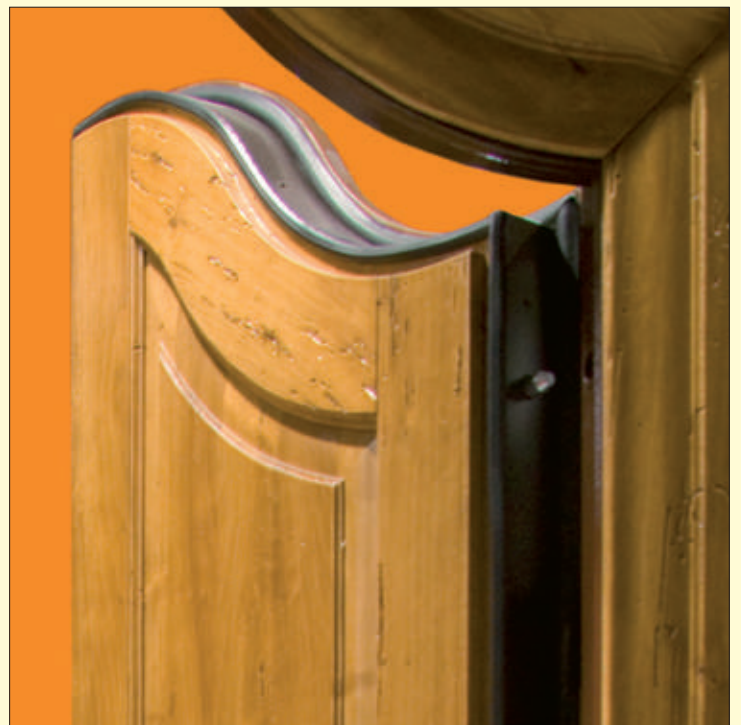
An aged wood panel gives the feel of an antique object. Its characteristic features are due to woodworm tracks that cannot be reproduced artificially.



Frame in detail



Old elm panel in detail, natural woodworm tracks.



Leaf in detail.

NOTE:

* This type of material is not always available, a quotation is necessary.
In the list you can find just the cost of the panel in the picture.

VARIABLE ARCH DOOR



exterior view

NB. The edges are joined by an arch with a 10 cm radius.

ROUNDED ARCH DOOR



exterior view

Model: *Palladio/K*
Material: *Aluminum*
Color: *Ral 3003*

Model: *Lisbona*
Type: *Okumè*
Color: *medium walnut stain*



LOW ARCH DOOR



interior view

TECHNICAL INFORMATION:

- The armored door arch is only available on door frame "C" (see data sheet p. 226)
- The installation of the armored door must be done with the door inserted, at least until the time of installation also with the frame.



Door frame "C" welded in detail

Model: *a campione (Rialto MAS Legno)*
Type: *Durmast*
Color: *medium walnut stain*



THREE OPENABLE LEAVES



Model: *Firenze + antine a campione*
Type: *Okumè*
Color: *medium walnut stain*



"PULL" DOORS

This type of armored door has no third party certification.
Its special feature is that it anti-burglary from the hinge side.



exterior view



interior view

INVERTING THE SKYLIGHT FOR A "PULL" DOOR

Its special feature is that it is fixed from the side without hinges. The side which you pull is placed on the inside of the house.



exterior view



interior view

SKYLIGHT rectangular with openable flaps
not recommended for an opening higher than 40 cm.



exterior view



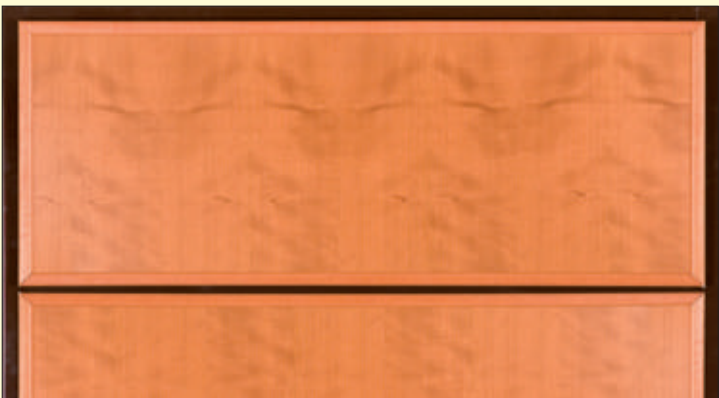
interior view

SKYLIGHT WITH LITTLE DOOR

The buffering of the skylight is made with the same structure of the door so as to obtain an equal uniformity.



exterior view



interior view

SKYLIGHT WITH GLAZING BEAD n°2 panels 7 mm + sheet 2 mm

The darkening of the skylight is obtained as described above. Everything is held by the same chassis used for the glass.



exterior view



interior view



OBLIQUE DOOR



interior view
Maximum height difference between
corners 30-35 cm

DOUBLE LEAF WITH HINGE ON SMALLER LEAF



interior view
Leaf opens max 130°



Producing a side window

Shipping and Handling

PACKAGING is the final step of our job, and we dedicate much attention to this step until the product arrives to you safe and sound. Over the years we have improved our various methods of packaging and making pallets according to the value of the door and how it is transported.



CARDBOARD PACKAGING for when we deliver it or it is picked up by the customer.



CARDBOARD + NYLON PACKAGING (smooth door or without covering) delivered by a courier.



CARDBOARD + NYLON + PROTECTIVE PANEL for outer side (hardwood door, pantographed or aluminum) delivered by a courier. INNER PROTECTIVE PANEL (upon request).



CARDBOARD + NYLON + 2 PROTECTIVE PANEL for delivery by courier (upon request)



CARDBOARD PACKAGING WITH PROTECTIVE CORNERS + NYLON, delivered by a courier (upon request).



COMPOSITION PALLETS for delivery to various customers. We give each customer a platform so as to avoid carrying by hand. Max 8 doors.



COMPOSITION PALLET (doors with cardboard) for delivery to a single customer, max optimization; 8 doors + 7 doors + 15 door frames. Total weight 1,4 tons ; package 110x220xh240 cm.



COMPOSITION PALLET (doors without coverings, without cardboard) for delivery to a single customer, max optimization; 8 doors + 7 doors + 15 door frames.



COMPOSITION PALLET *pallets to be returned* (doors without coverings, without cardboard) for delivery to a single customer, max optimization, 11 doors + 11 doors. Its possible to place up to 4 pallets one on top of the other. Idimensions 120x220xh114 cm total weight with 11 doors without covering 0,50 tons.



VERTICAL COMPOSITION PALLETS
 11 covered doors total weight 0,90 tons
 dimensions 120x106xh238 cm;
 20 door frames total weight 0,30 tons
 dimensions 120x105xh233 cm.

USEFUL INFORMATION:

an armored door 90x210 coated smooth-smooth full frame with cardboard packing box weighs 80 Kg;

a door frame weighs 11 Kg.

BILICO TRUCK, available space L245xh240xP1360 cm.

MOTRICE TRUCK, available space L245xh240xP920 cm.

CONTAINER 20 feet internal measures L235xh239xP590 cm measure L234xh228 door.

CONTAINER 40 feet internal measures L235xh239xP1200 cm measure L234xh228 door.

CONTAINER HC 40 feet internal measures L235xh269xP1200 cm measure L234xh258 door.

DELIVERY

is entrusted exclusively to couriers with trucks that load the products from our warehouse and deliver them directly to you without stopping at other warehouses, as is often done by other couriers.



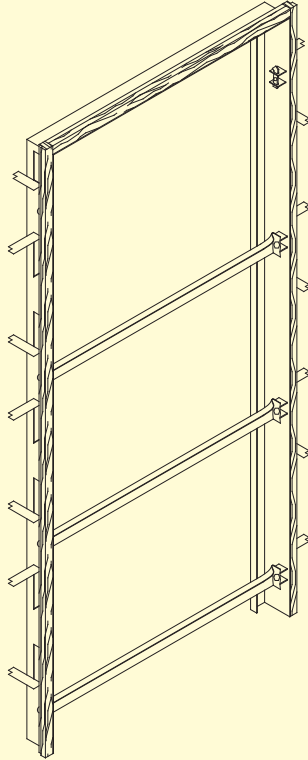
DOOR FRAMES *Types, Placement, Wall finish and Anchoring.*

Type	Combinations	page	Placement		Wall finish			Anchoring			%
			Flush to int. wall	Center	Plaster	Trim	Marble/ granite	Cemented frame pins	Welding pins	direct screws or pressure screws	Most common door frames 2012
"A"	A	254	yes	no	yes	yes	yes	yes	no	no	5%
	A1	255	yes	no	yes	no	no	yes	no	no	%
	Ar	255	yes	no	yes	yes	yes	yes	no	no	%
	A1r	256	yes	no	yes	no	no	yes	no	no	%
"B"	B	218	yes	yes	yes	yes	yes	yes	no	no	70%
	B1	220	yes	yes	yes	no	no	yes	no	no	10%
	Br	221	yes	yes	yes	yes	yes	yes	no	no	%
	B1r	222	yes	yes	yes	no	no	yes	no	no	%
	BM	223	yes	no	yes	yes	yes	yes	no	no	4%
	B1M	224	yes	no	yes	no	no	yes	no	no	%
	BMr	224	yes	no	yes	yes	yes	yes	no	no	%
	B1Mr	225	yes	no	yes	no	no	yes	no	no	%
"C"	C	227	yes	yes	yes	yes	yes	yes	yes	yes	5%
	Cz	228	yes	no	yes	yes	yes	no	no	yes	%
	Cz48	229	yes	no	yes	yes	yes	no	no	yes	%
	Cr	229	yes	yes	yes	yes	yes	yes	yes	yes	%
	Czr	229	yes	no	yes	yes	yes	no	no	yes	%

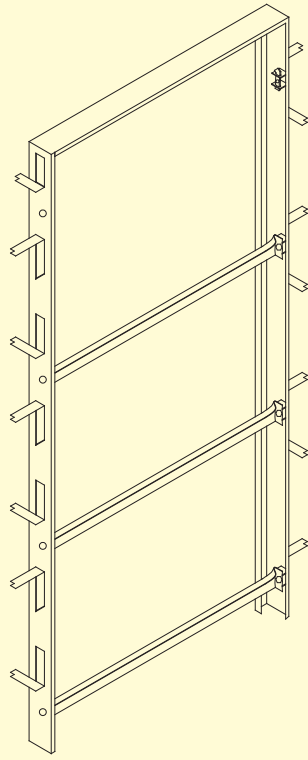
LEGEND:
1 =the cassamatta has a reference to pull the plaster of the net light.
M = predisposition to mount the exhibition inside.
r = door frame reduced thickness.

z = preparation for mounting the door on the edge of the inner wall.
yes = can be done.
no = not recommended.

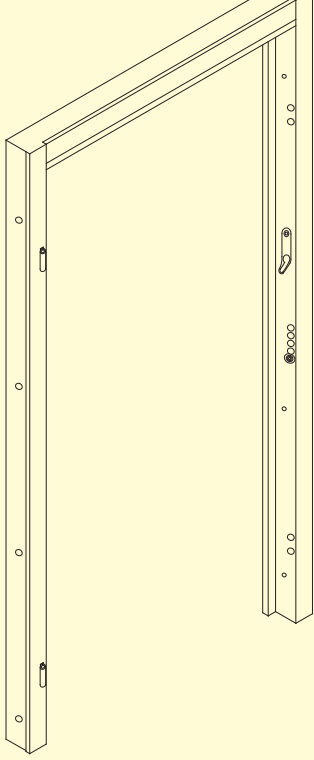
DOOR FRAME "A"



DOOR FRAME "B"



DOOR FRAME "C"



It is used exclusively for armored doors with hidden hinges

The typical door frame for armored doors

It is a door frame already welded to the chassis. Together they have a notable

MOUNTING DOOR FRAME

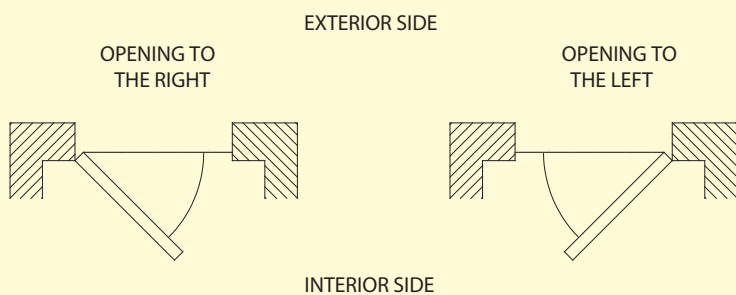
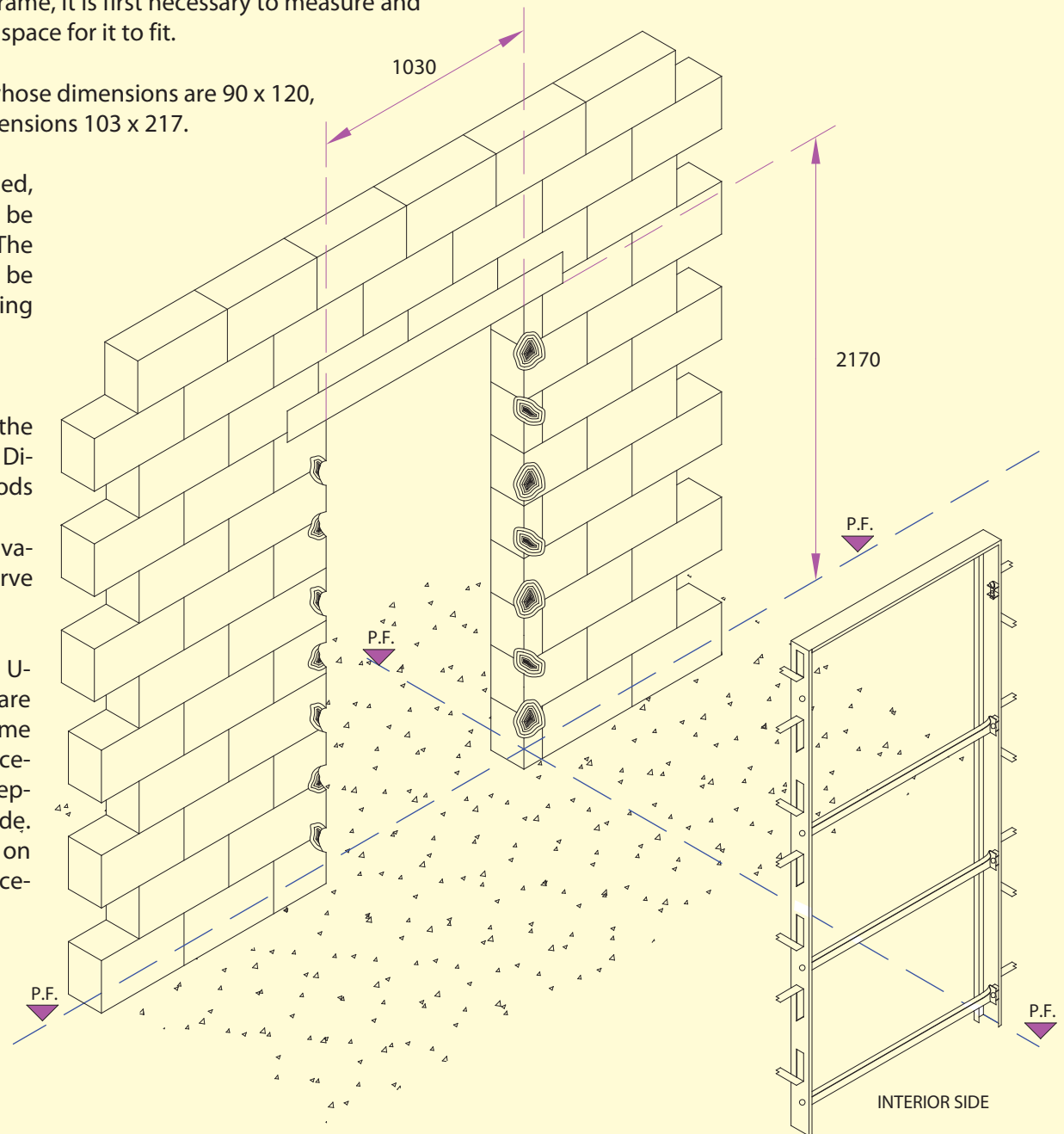
In order to mount the door frame, it is first necessary to measure and be sure that there is enough space for it to fit.

Example:
in order to fit a door frame whose dimensions are 90 x 120,
the bare wall must have dimensions 103 x 217.

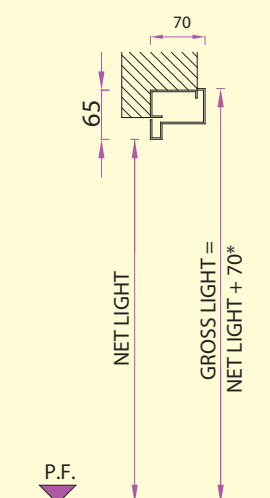
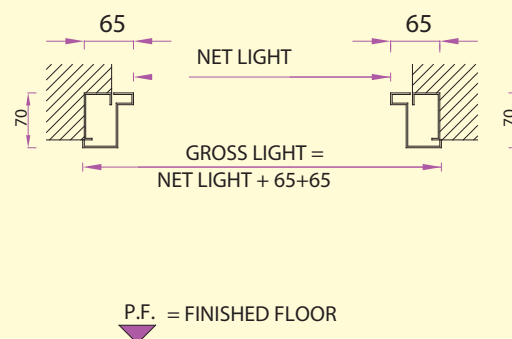
All clamps must be opened,
then the door frame can be moved closer to the wall. The
points of insertion must then be
marked before the cementing
can begin.

- Attention:
- Position the door frame on the Finished Floor (pavement). Disassemble the cementing rods (after 24 hours).
 - Do not throw away the galvanized U-brackets, they will serve to anchor the frame.

Note: the door frame has 7 U-brackets on each side, these are more than enough. If, for some reason, it is not possible to cement all U-brackets it is acceptable to cement only 4 per side. Attention: the first U-bracket on the bottom must always be cemented.

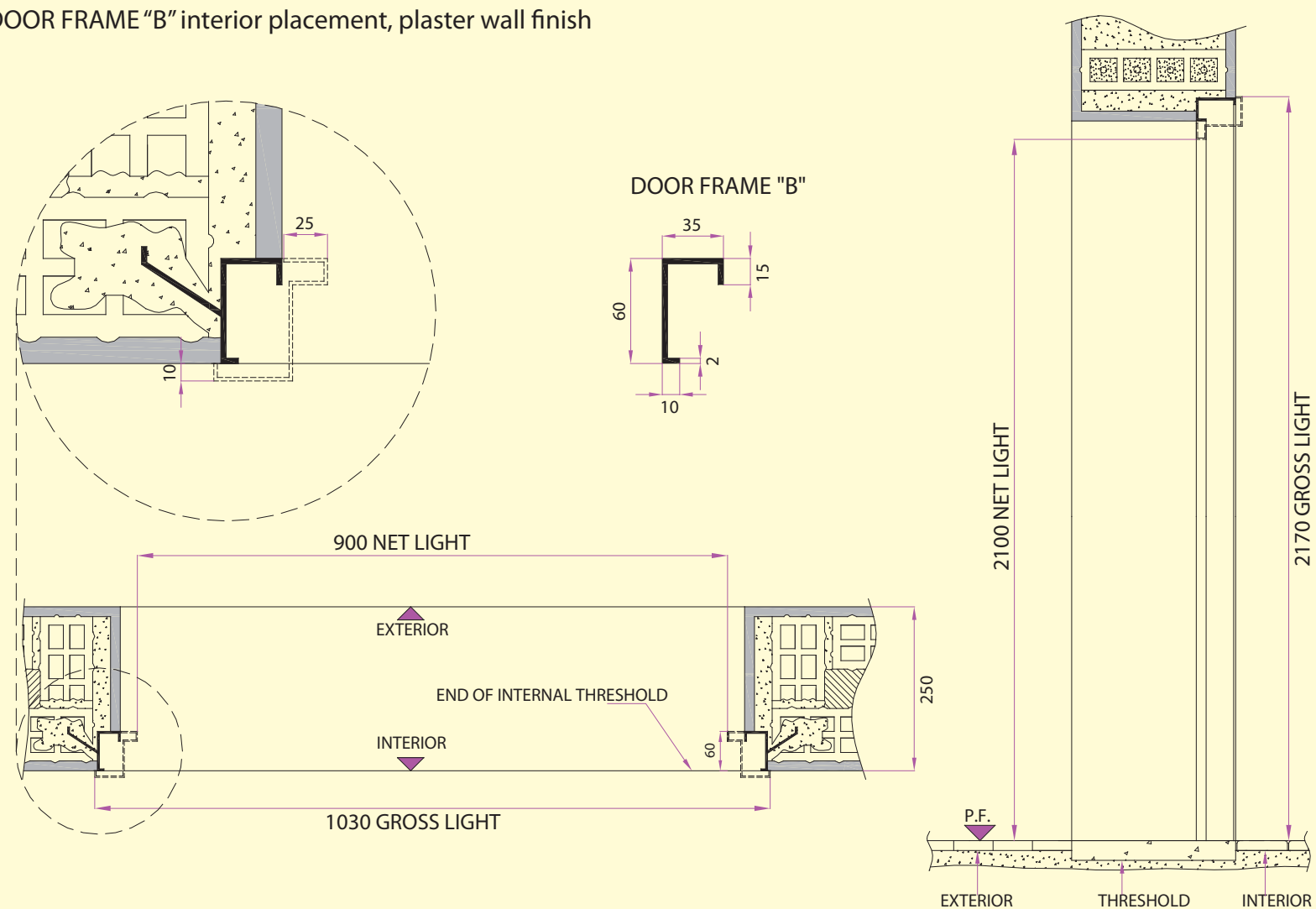


STANDARD MEASUREMENTS FOR DOLMEN MODEL ARMORED DOORS			
	WIDTH x HEIGHT	WIDTH x HEIGHT	WIDTH x HEIGHT
NET LIGHT	800 x 2100	850 x 2100	900 x 2100
GROSS LIGHT	930 x 2170	980 x 2170	1030 x 2170

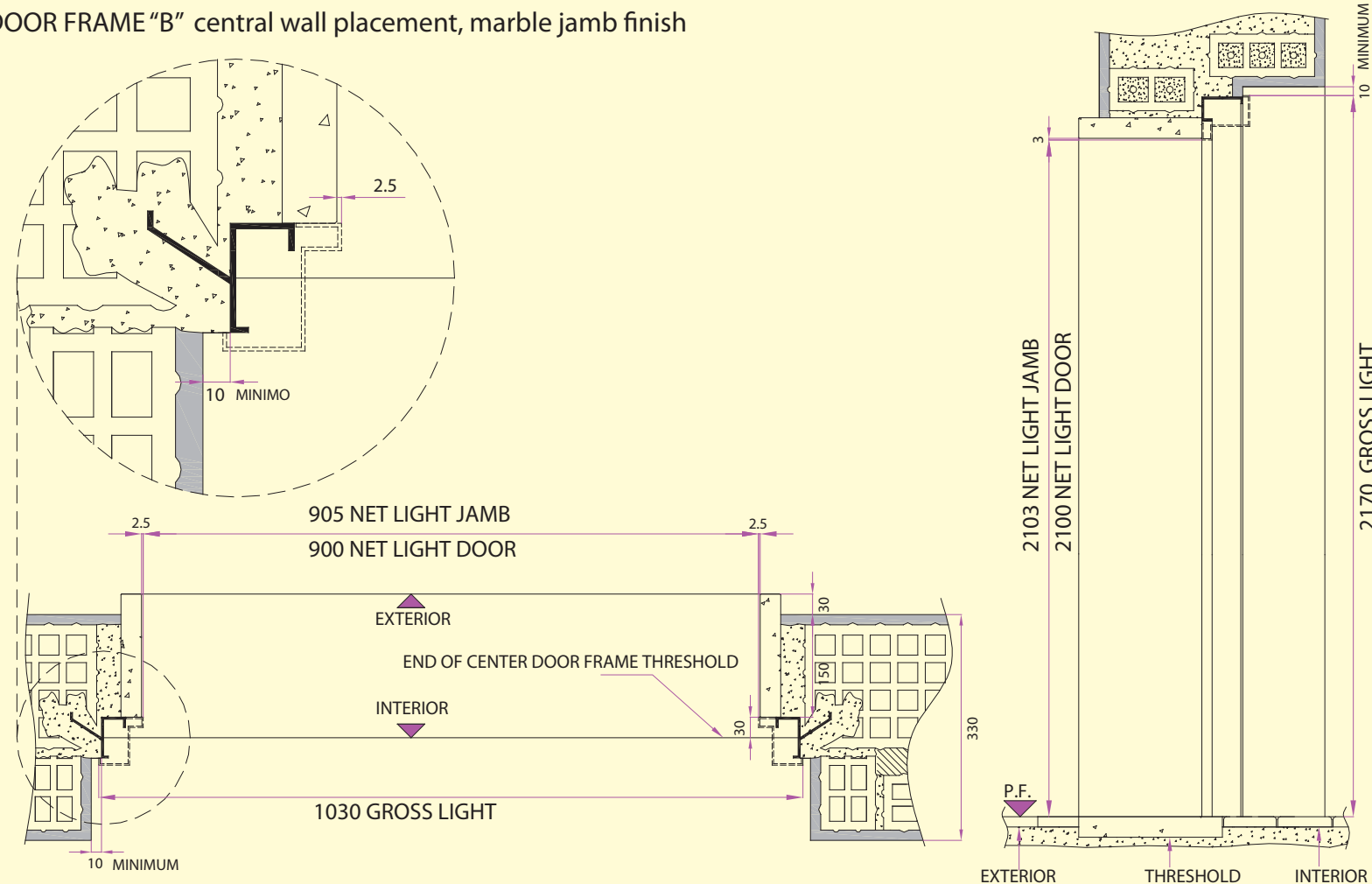


NOTE:
* We calculate 65 mm of actual space taken up + 5 mm of rounding.

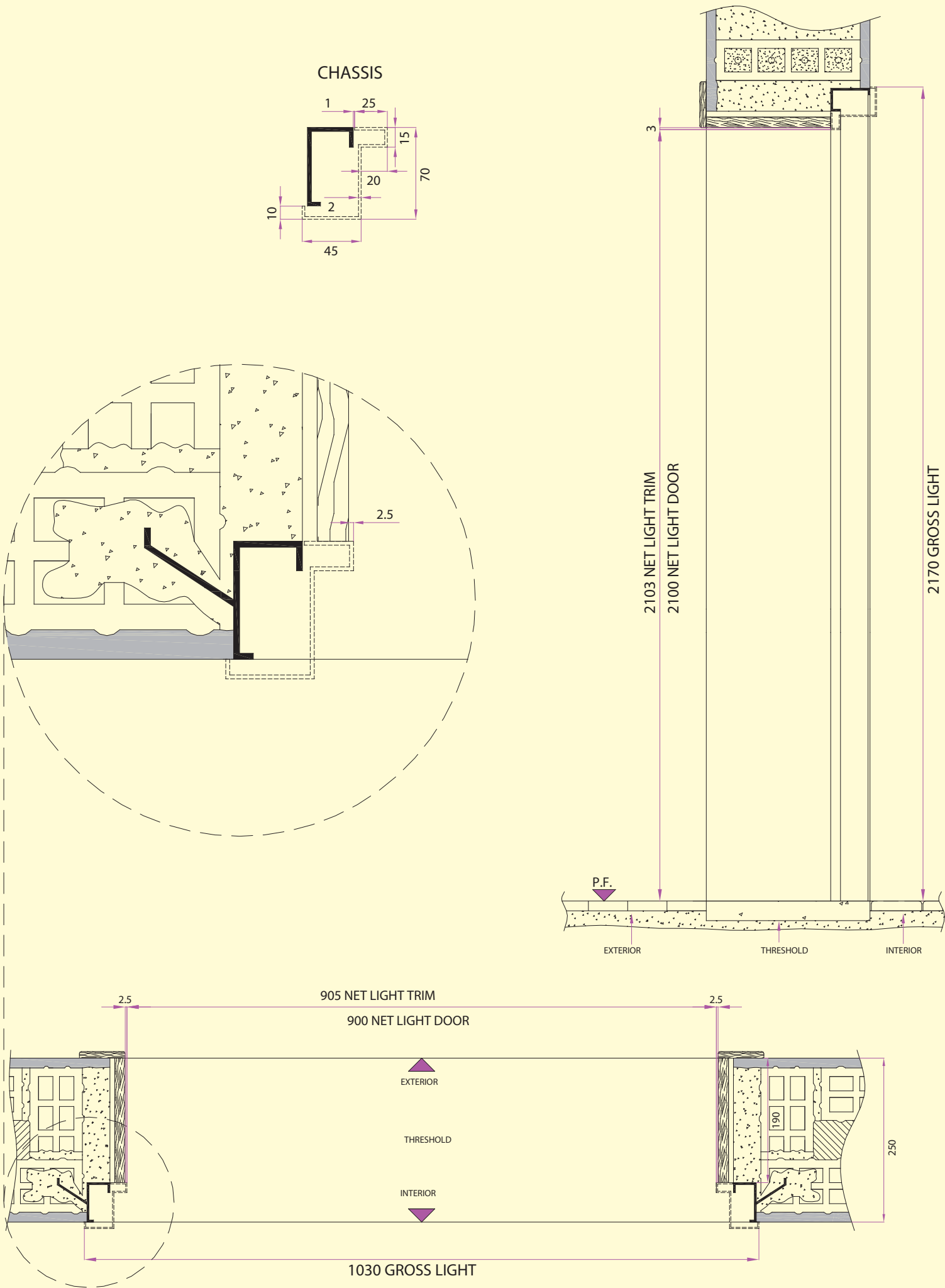
DOOR FRAME "B" interior placement, plaster wall finish



DOOR FRAME "B" central wall placement, marble jamb finish

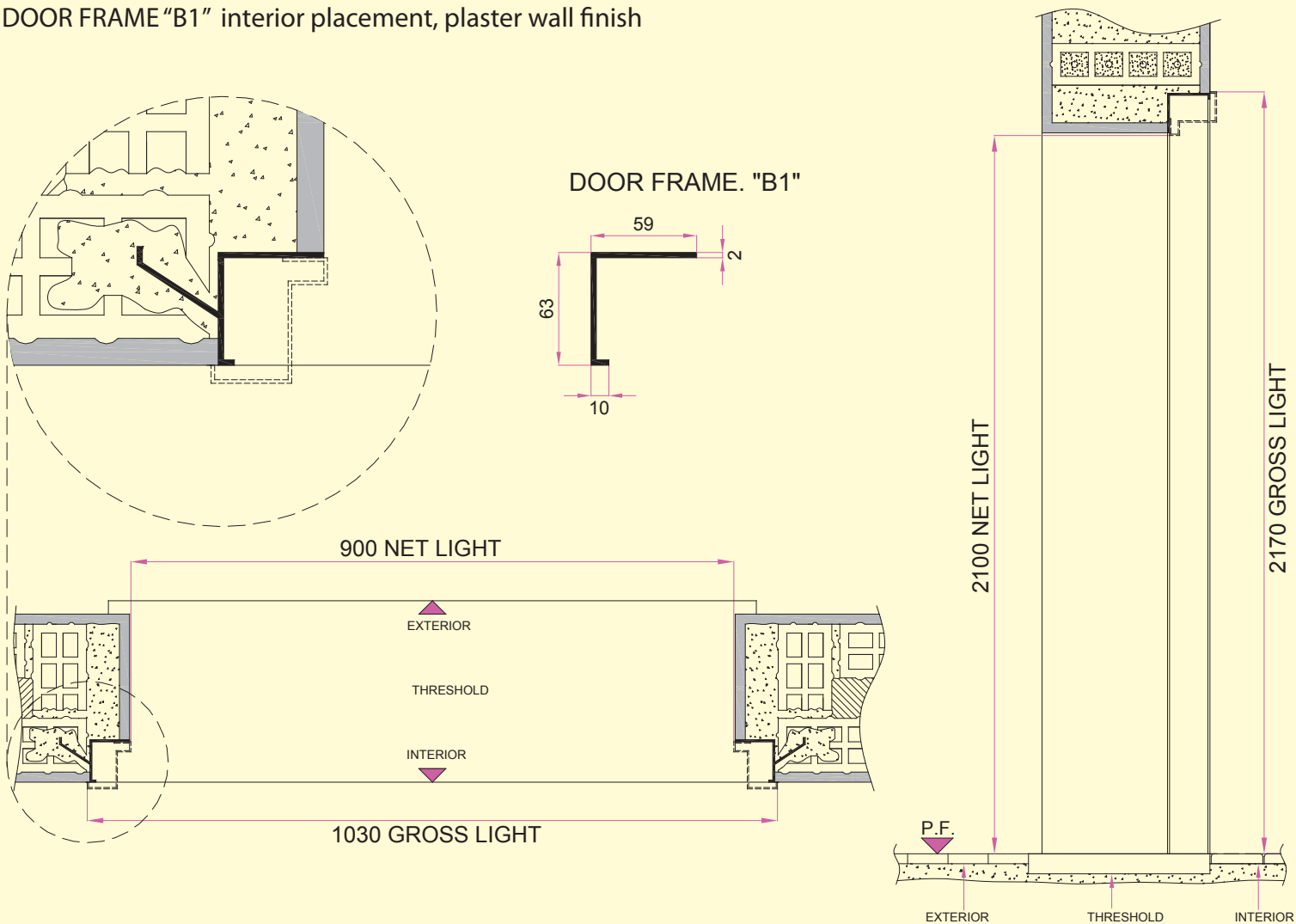


DOOR FRAME "B" interior placement, wall finished with wooden trim

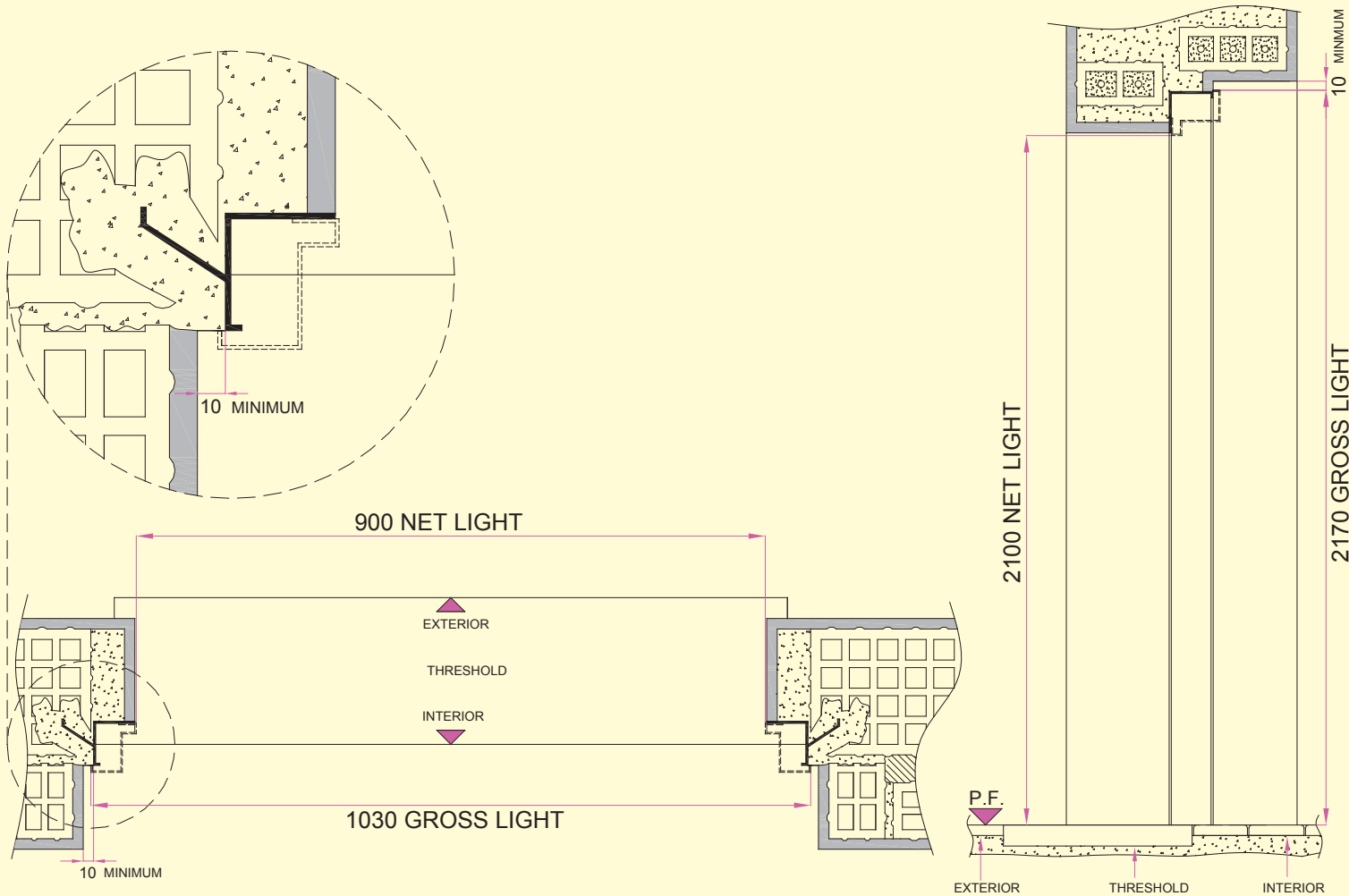


Technical details

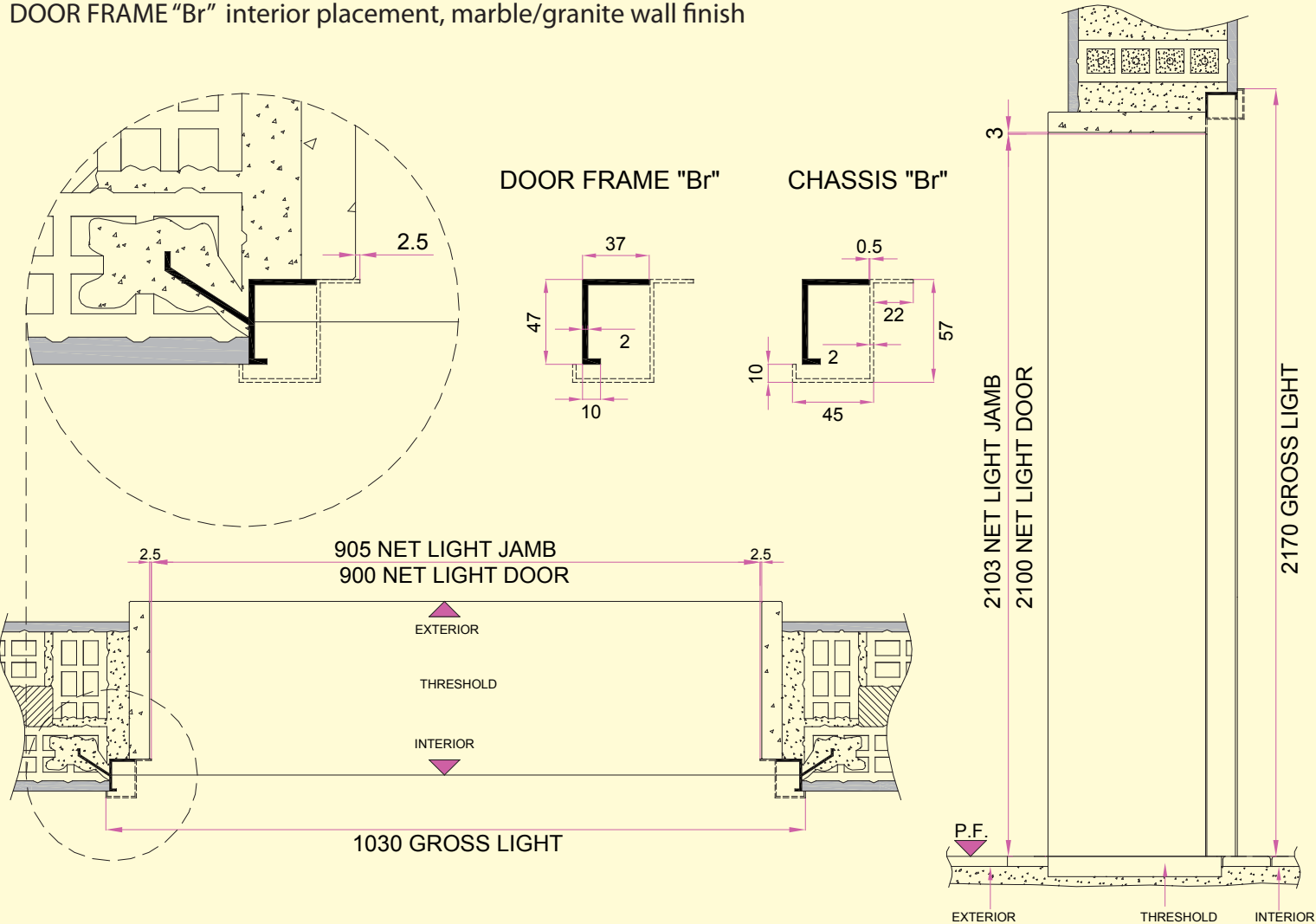
DOOR FRAME "B1" interior placement, plaster wall finish



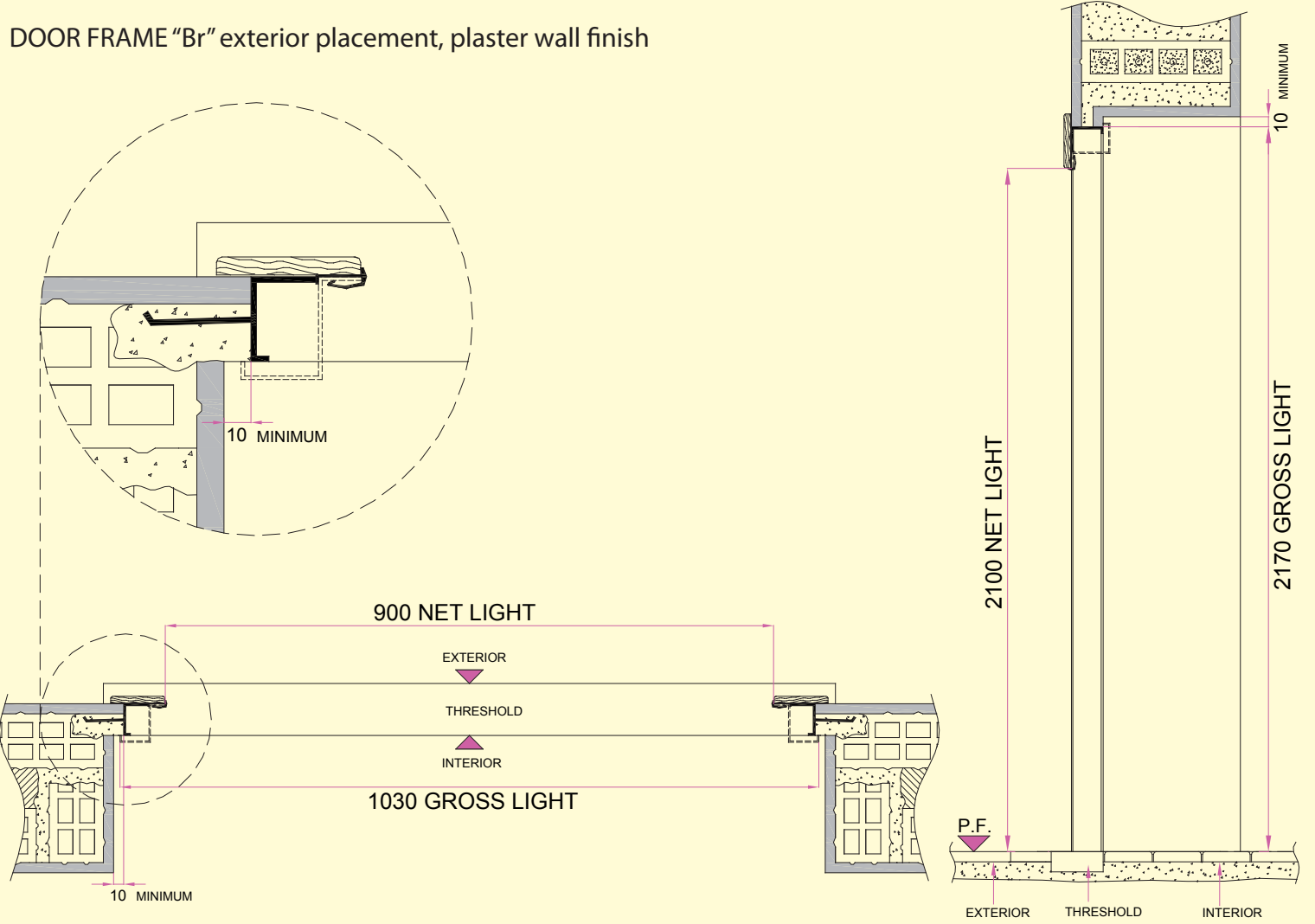
DOOR FRAME "B1" interior placement, marble/granite wall finish



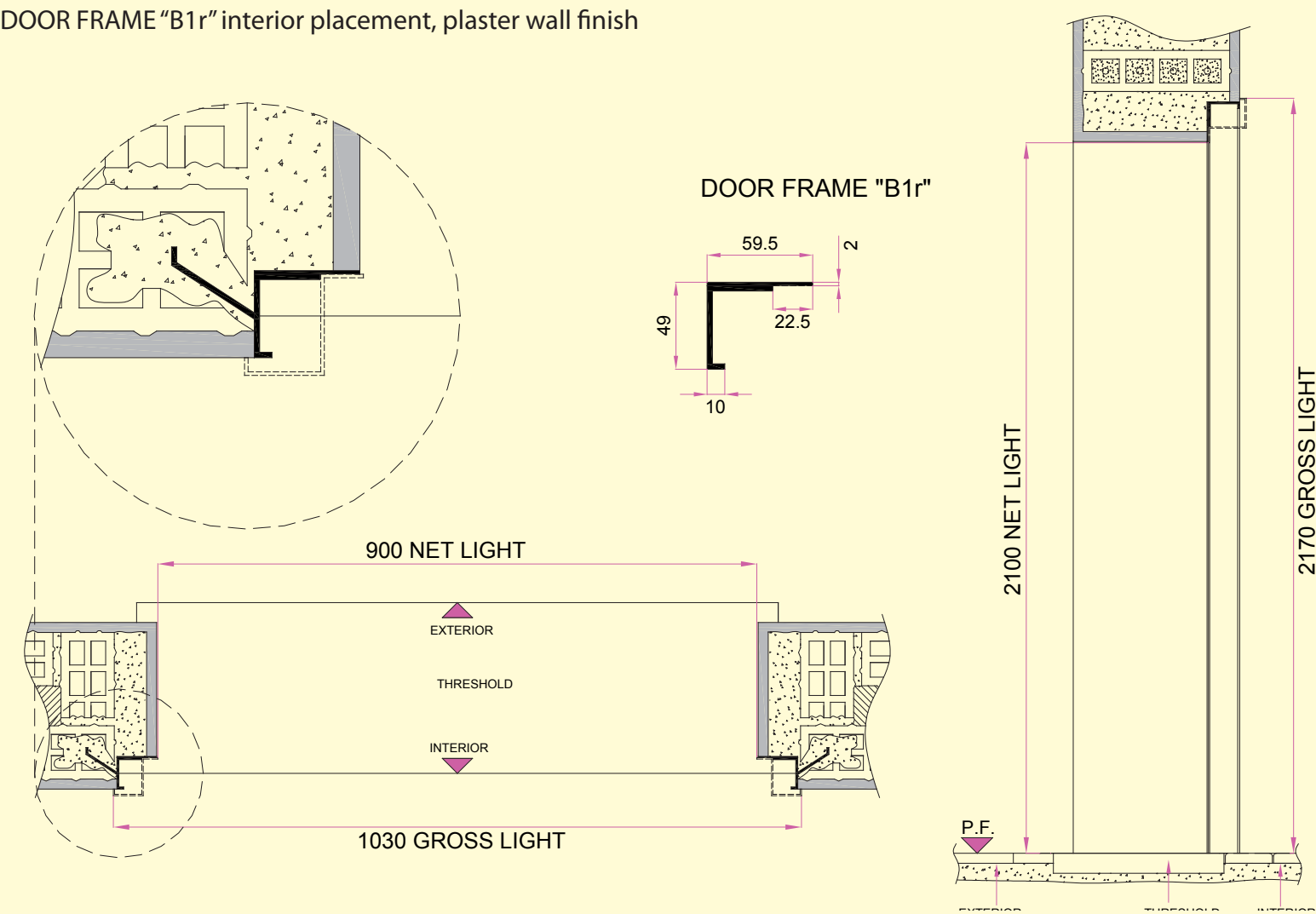
DOOR FRAME "Br" interior placement, marble/granite wall finish



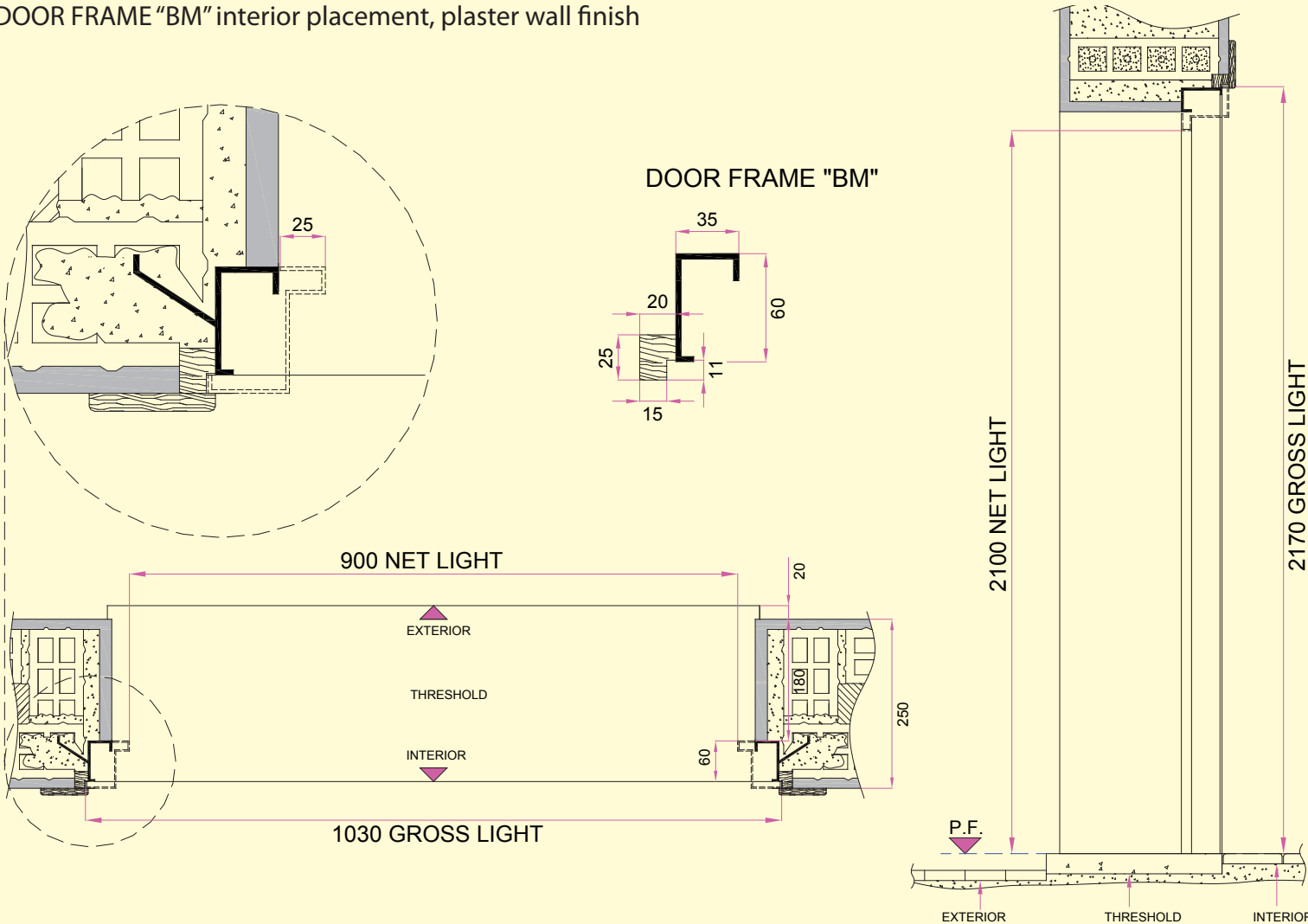
DOOR FRAME "Br" exterior placement, plaster wall finish



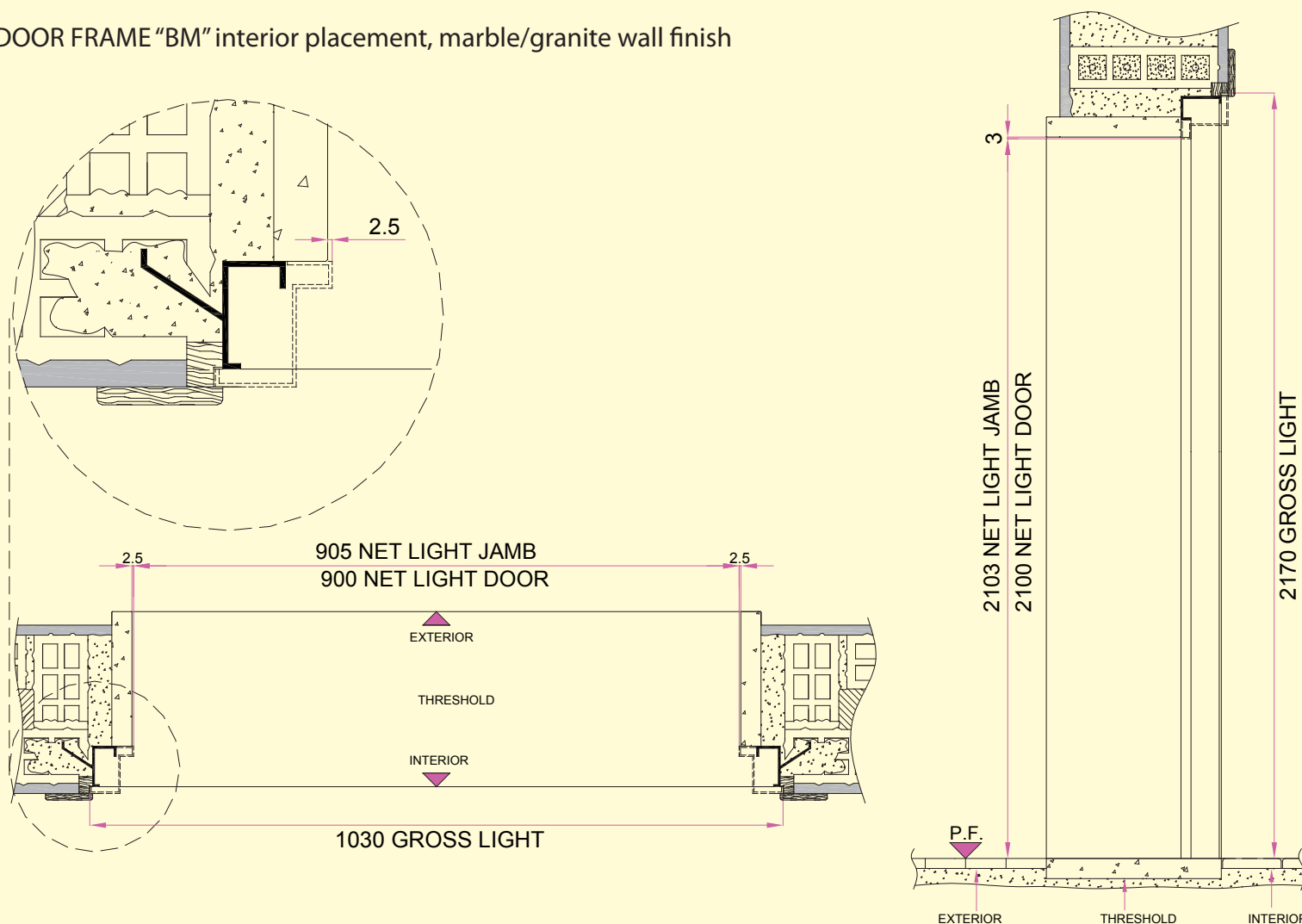
DOOR FRAME "B1r" interior placement, plaster wall finish



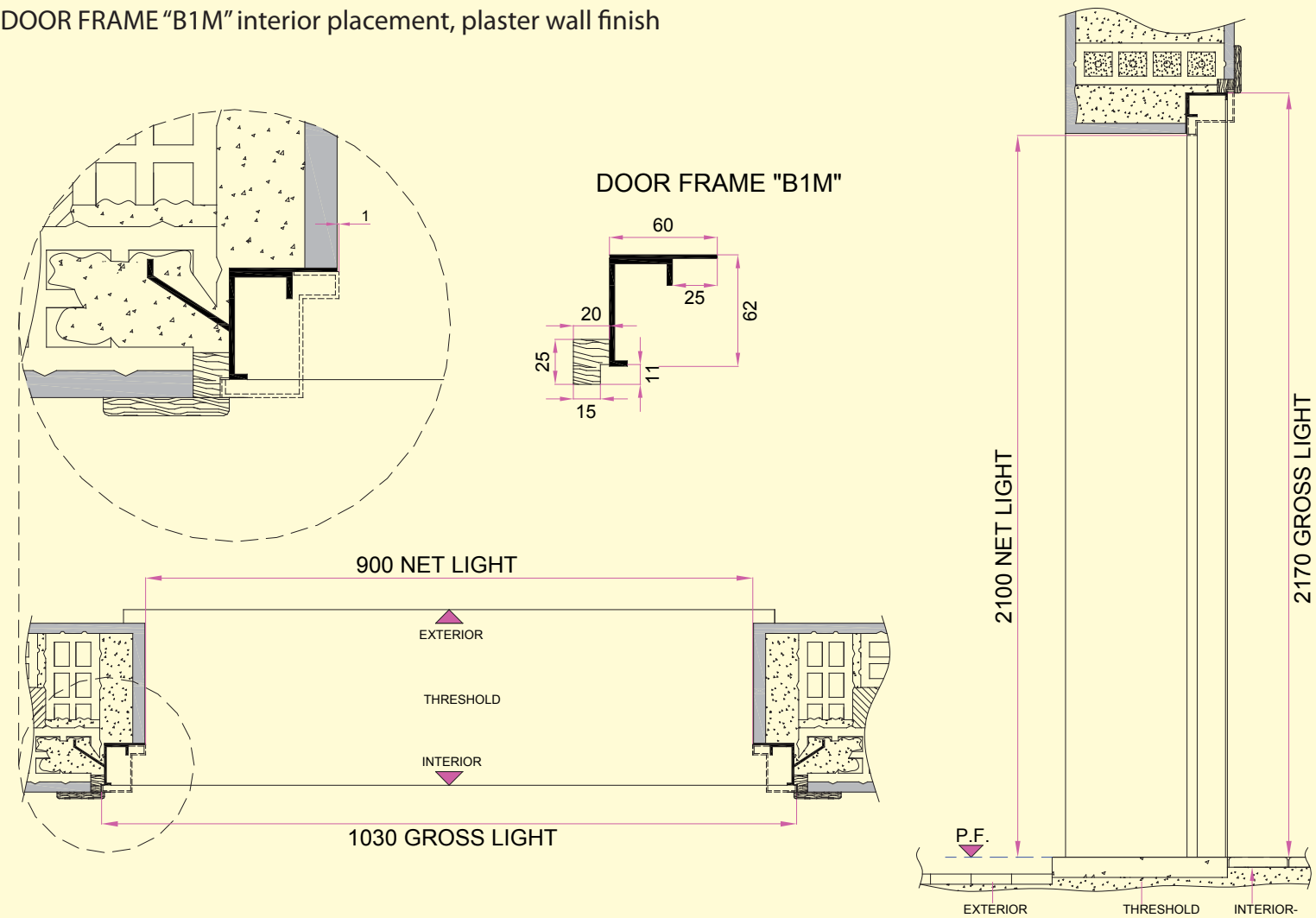
DOOR FRAME "BM" interior placement, plaster wall finish



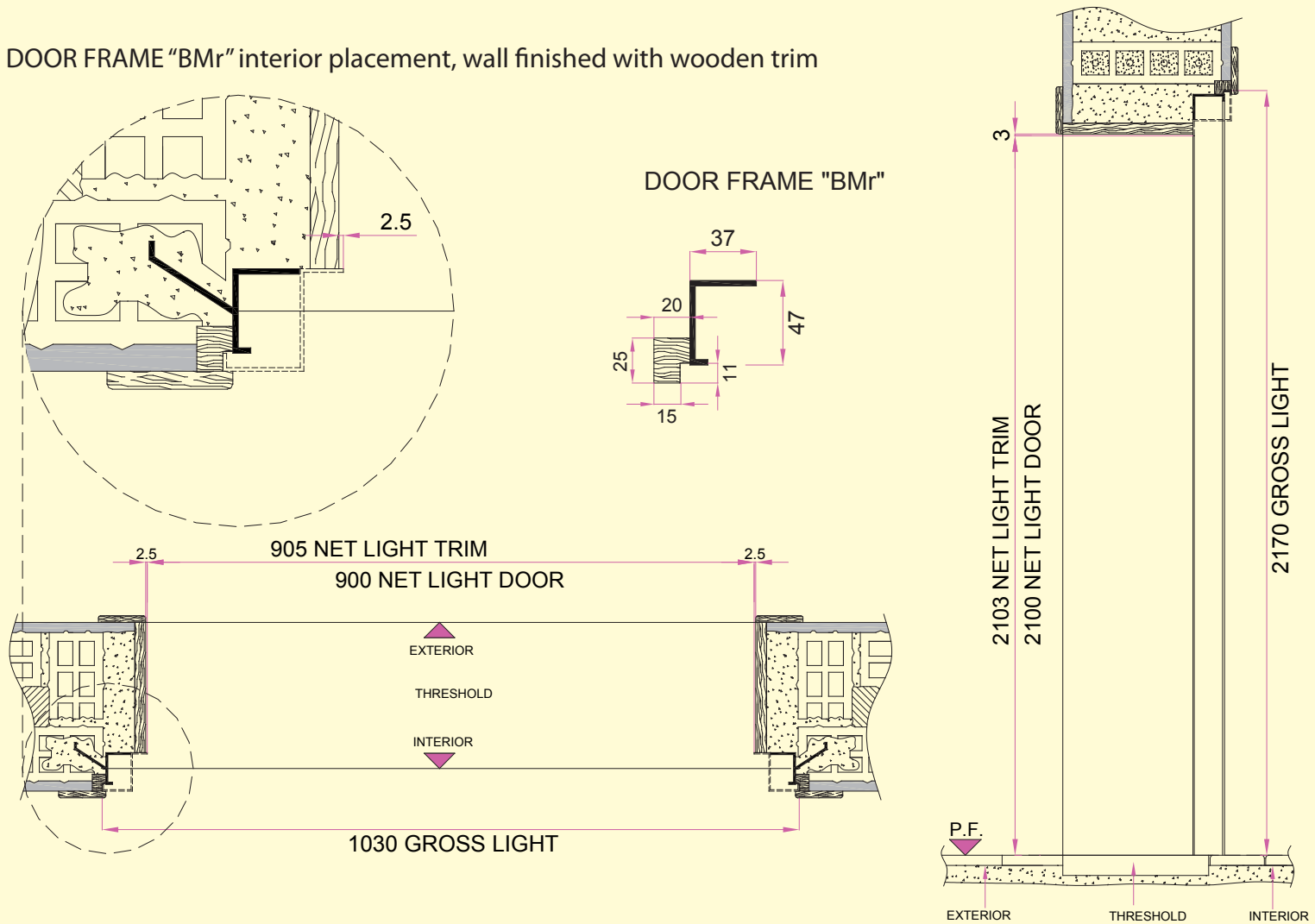
DOOR FRAME "BM" interior placement, marble/granite wall finish



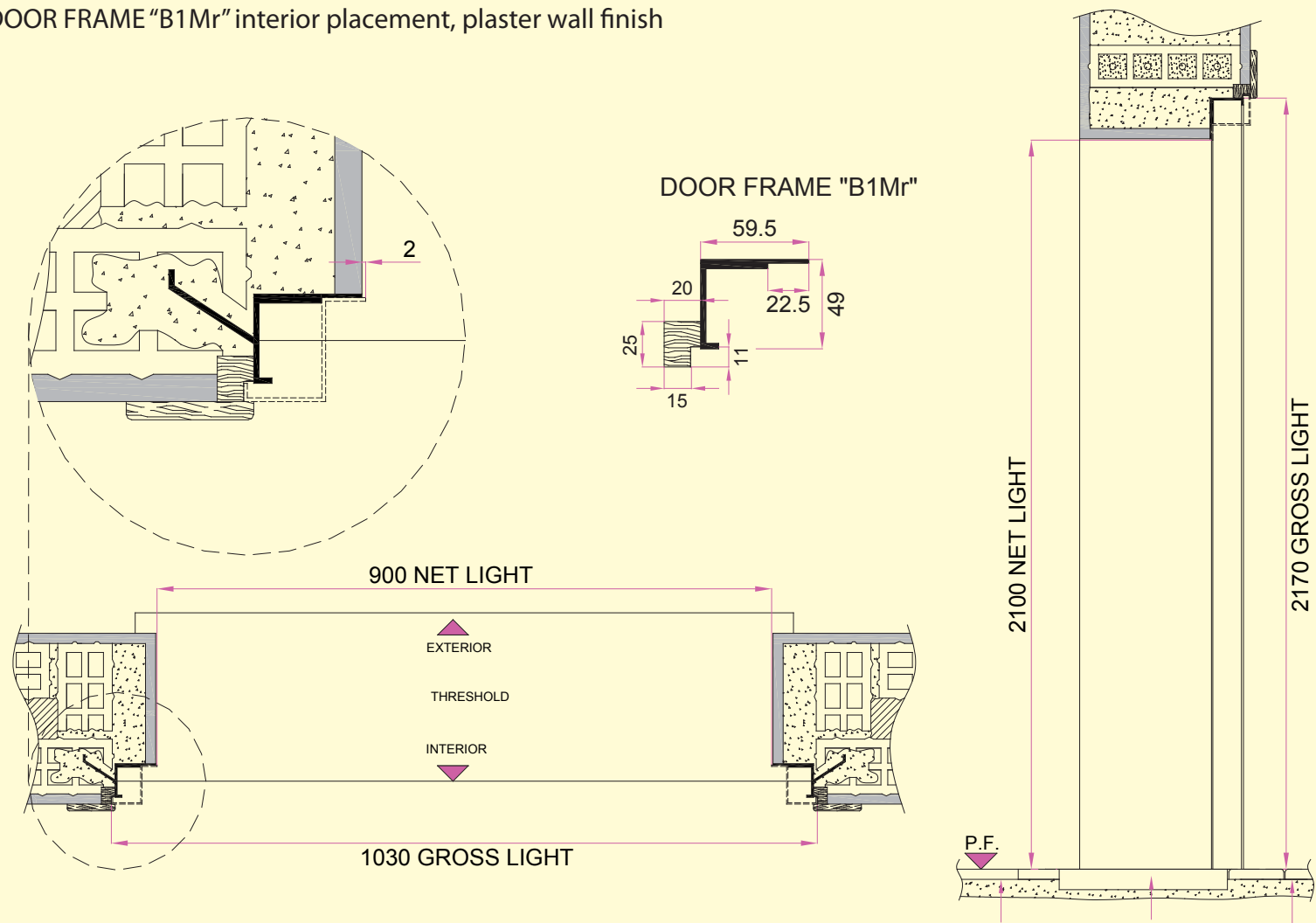
DOOR FRAME "B1M" interior placement, plaster wall finish



DOOR FRAME "BMr" interior placement, wall finished with wooden trim



DOOR FRAME "B1Mr" interior placement, plaster wall finish



DOOR FRAME "C" welding pins



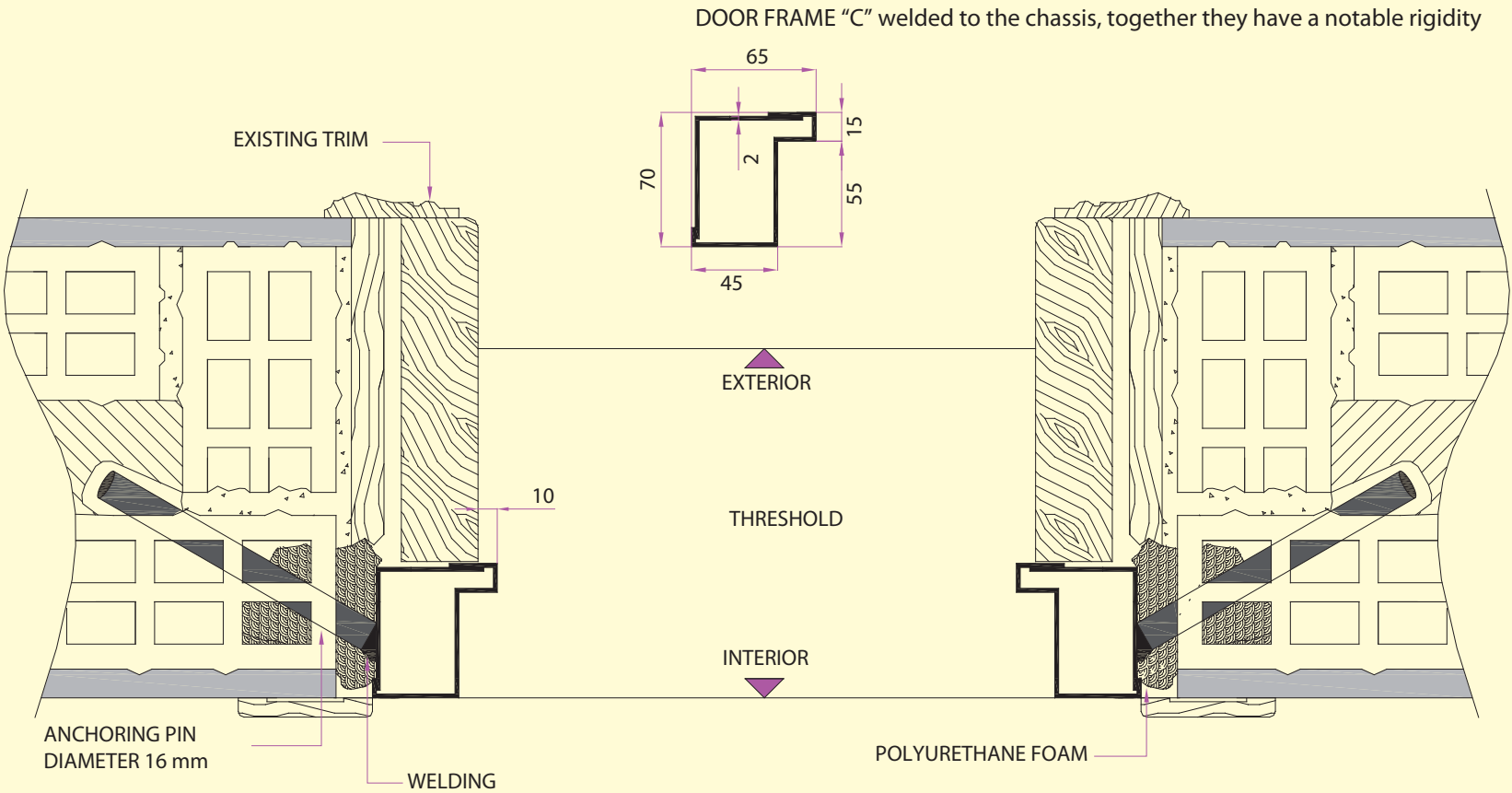
Dolmen model single leaf armored door with external facade that reproduces an old double leaf door.

In this photo there is a particularly robust anchoring system with twelve rods 250 mm long and 16 mm in diameter, these are first inserted into the pavement, in the architrave and in the walls if there are holes, without ruining the external and internal wall and then welding in place.

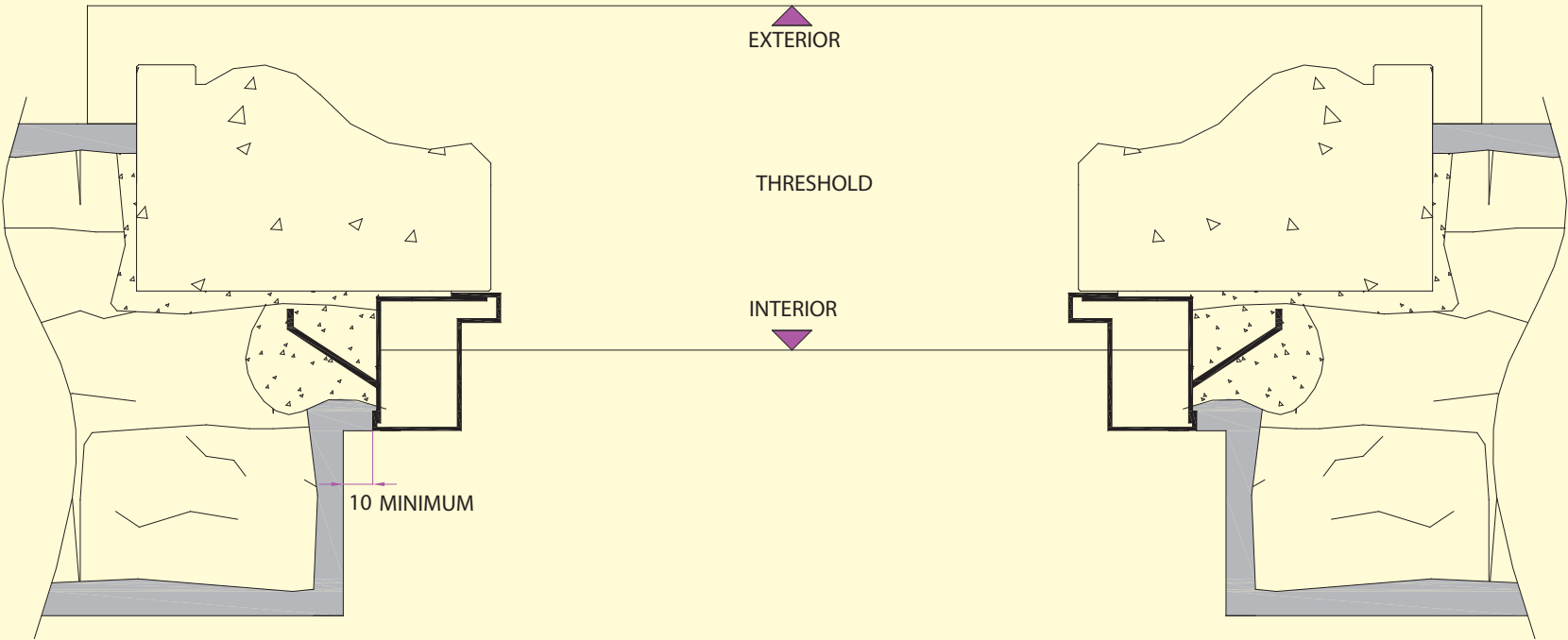
This system is possible only on door frame "C" and generally used to substitute doors in inhabited homes.



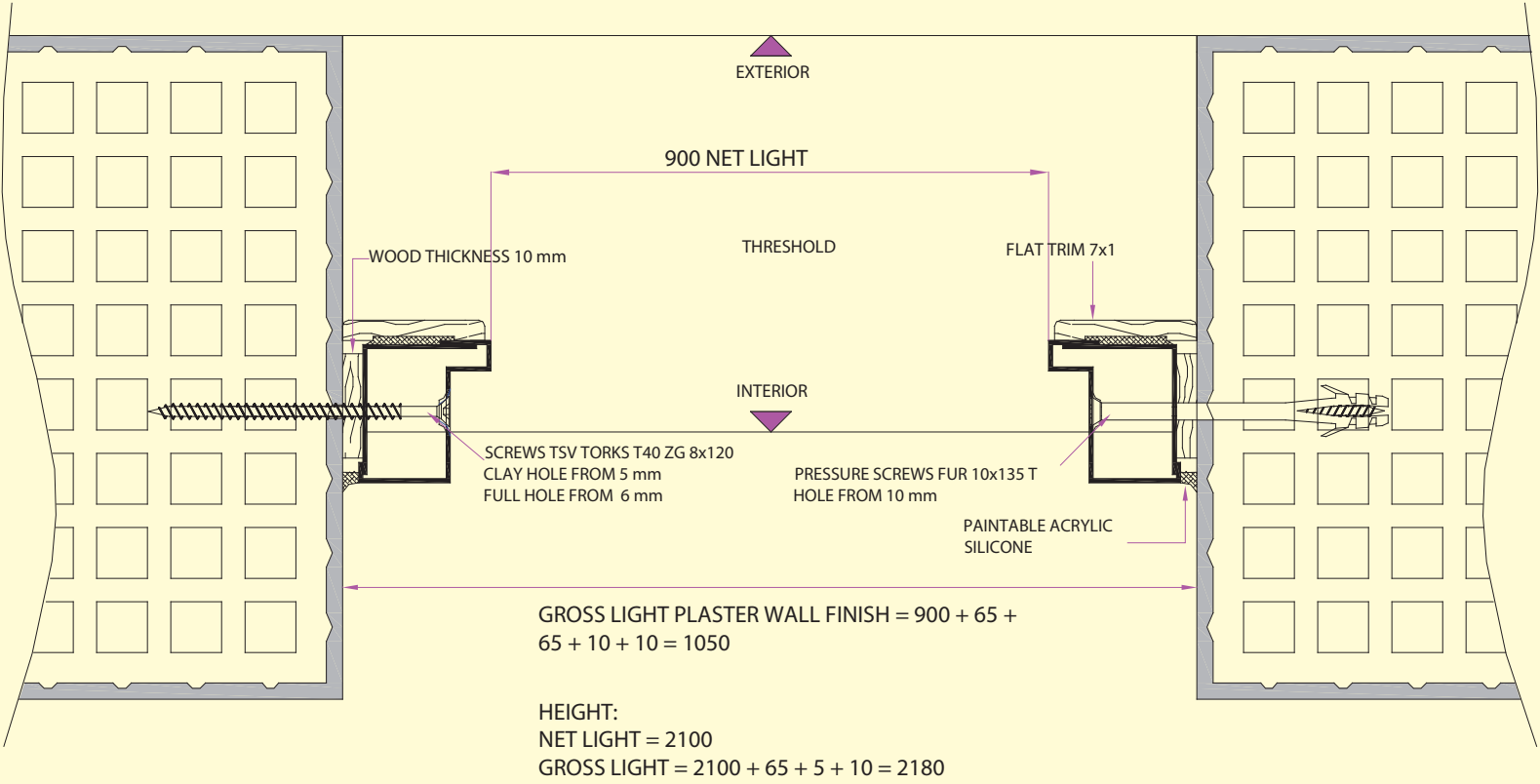
DOOR FRAME "C" interior placement, wall finish, existing trim, anchoring pins to weld



DOOR FRAME "C" central wall placement, stone wall finish, existing cemented anchoring rods

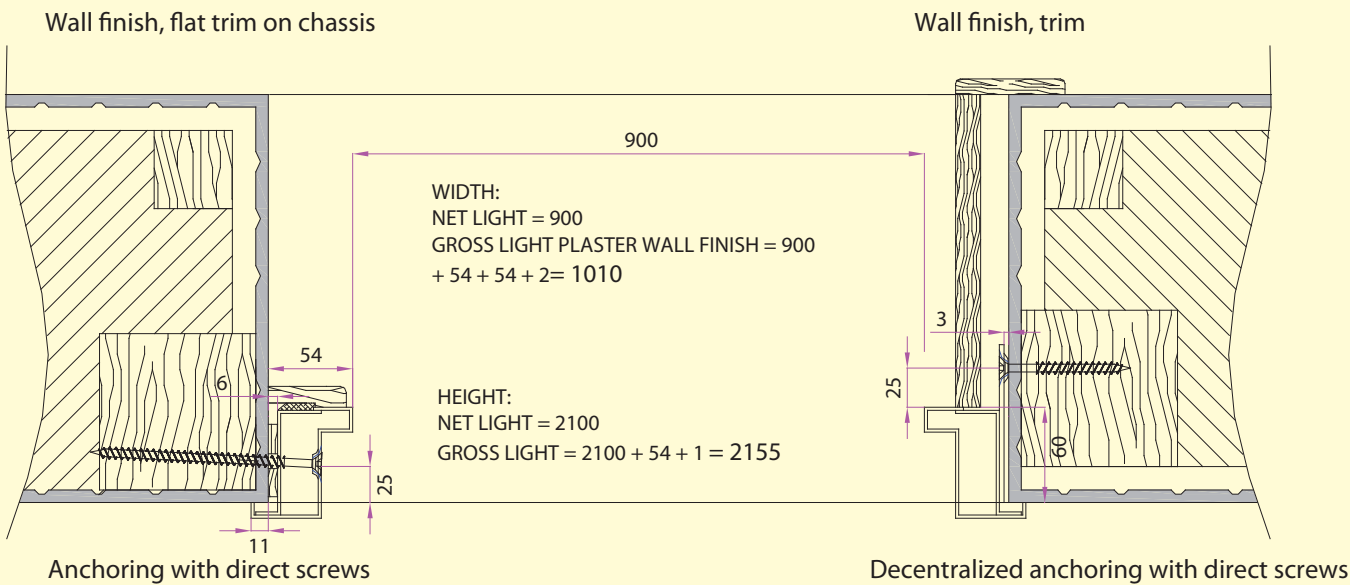
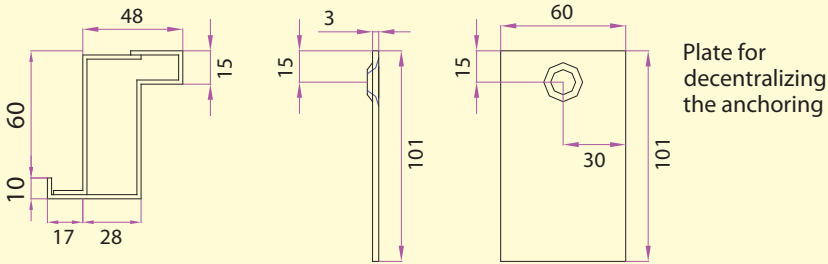


DOOR FRAME "C" central wall placement, plaster finish anchored by normal screws or pressure screws

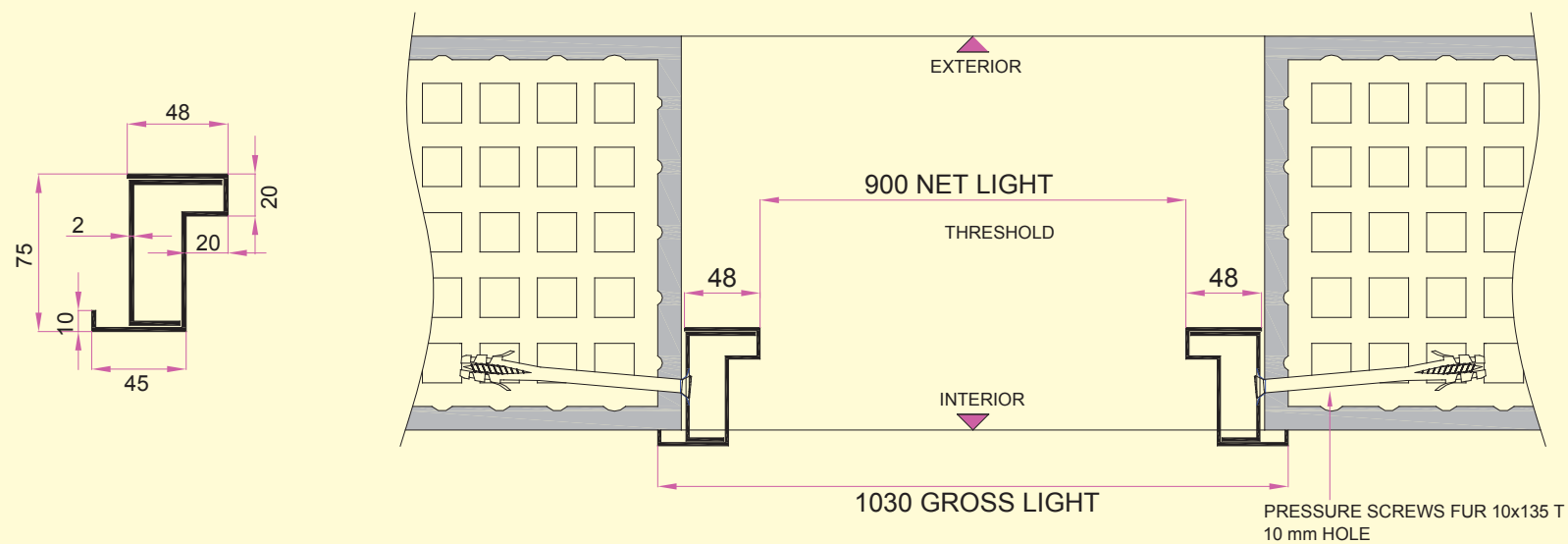


DOOR FRAME "Cz" interior placement, wall finish (see design), normal screw anchoring

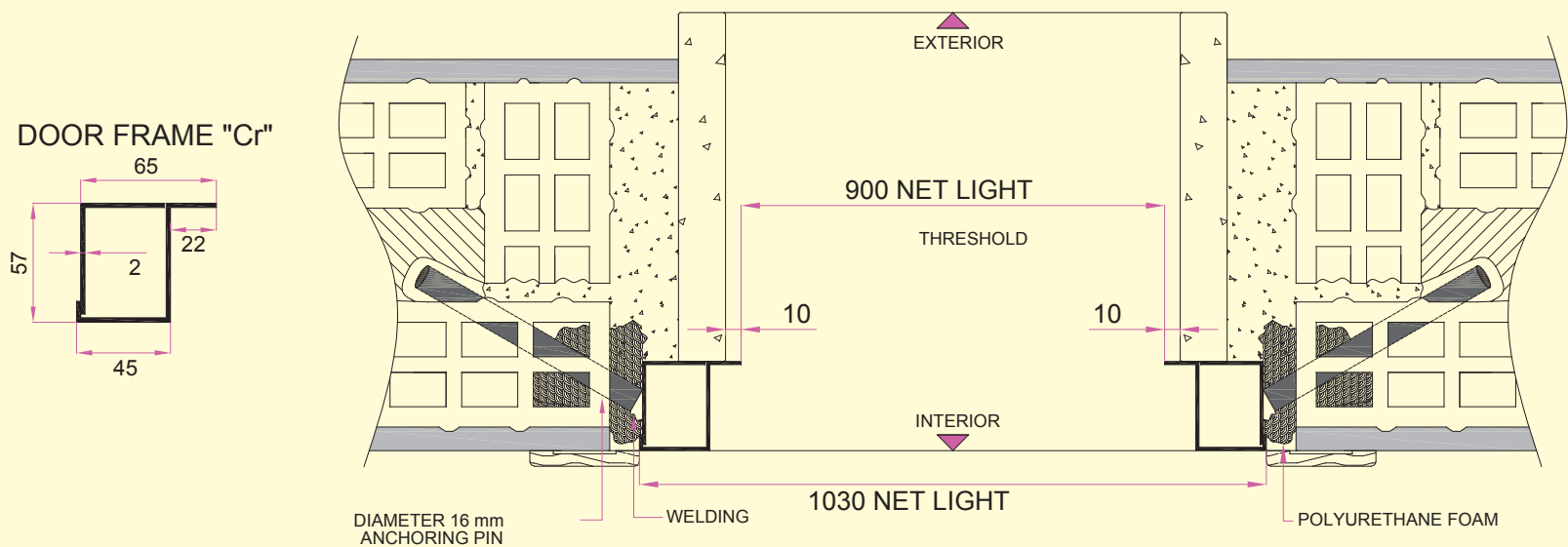
The "Cz" door frame is a variant of the "C" door frame. Only used for internal placement. It is recommended only if the interior needs to be finished avoiding it being seen



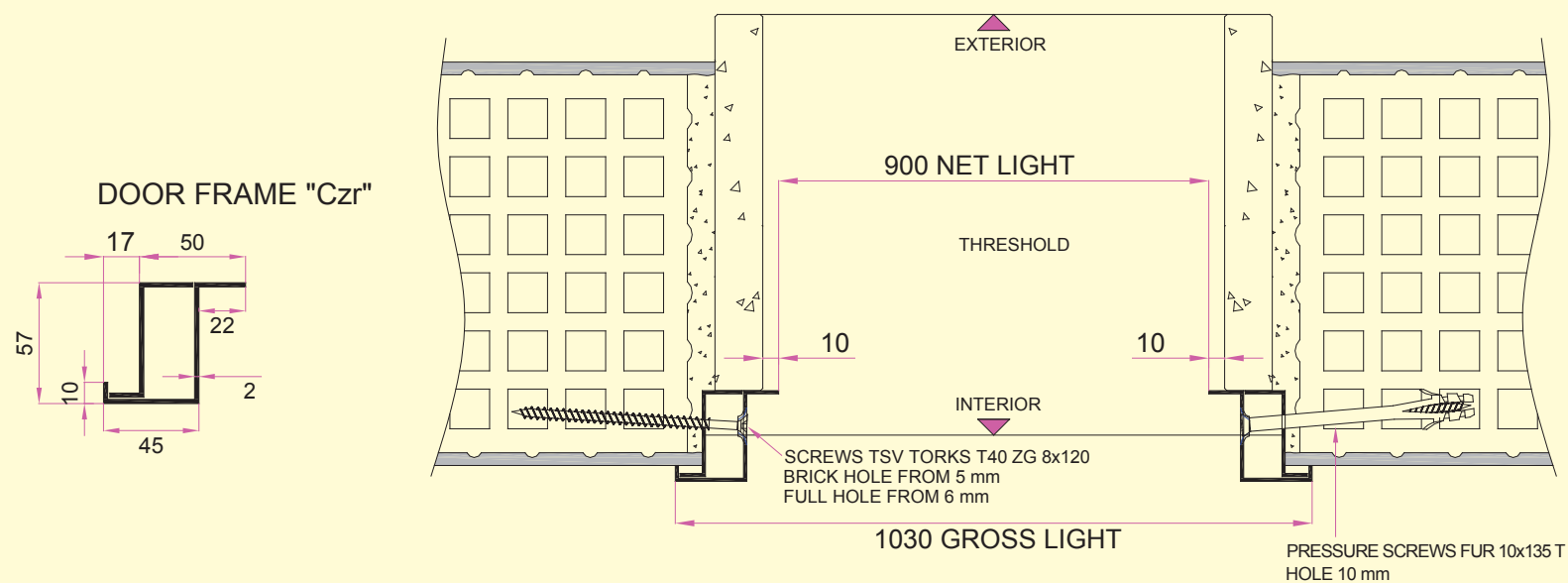
DOOR FRAME "Cz48" interior placement, plaster finish, anchored by pressure screws.



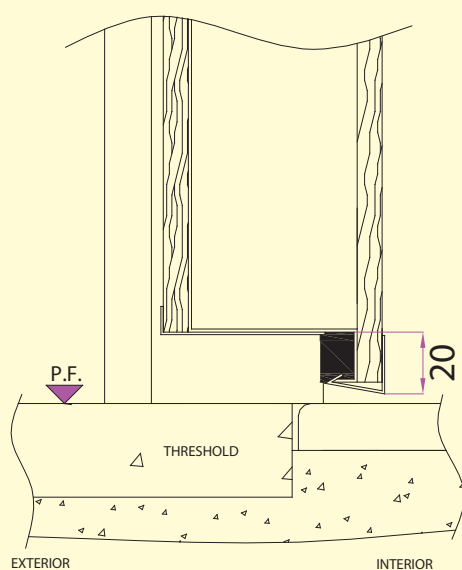
DOOR FRAME "Cr" interior placement, marble/granite finish, anchored by welded pins



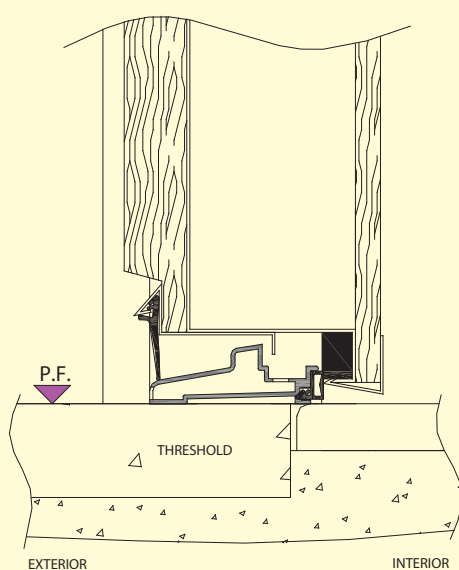
DOOR FRAME "Czr" interior placement, marble/granite finish, anchored by normal screws or pressure screws



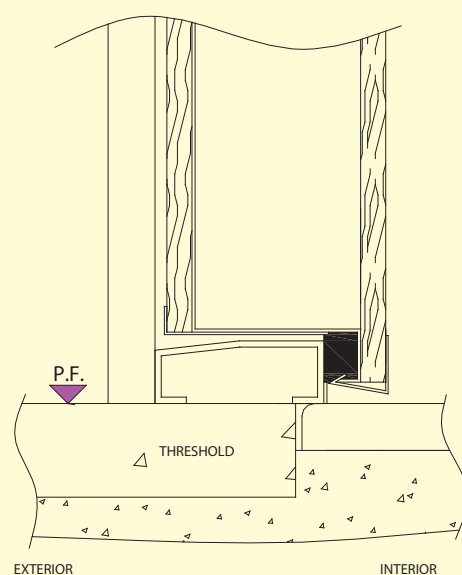
VISIBLE STOPPER 20 mm



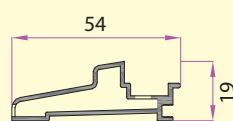
DOOR WITH ONLY VISIBLE STOPPER



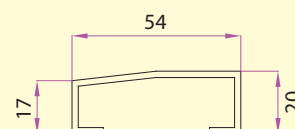
DOOR WITH VISIBLE STOPPER +
ALUMINUM STOPPER KA19
(used for the water kit)



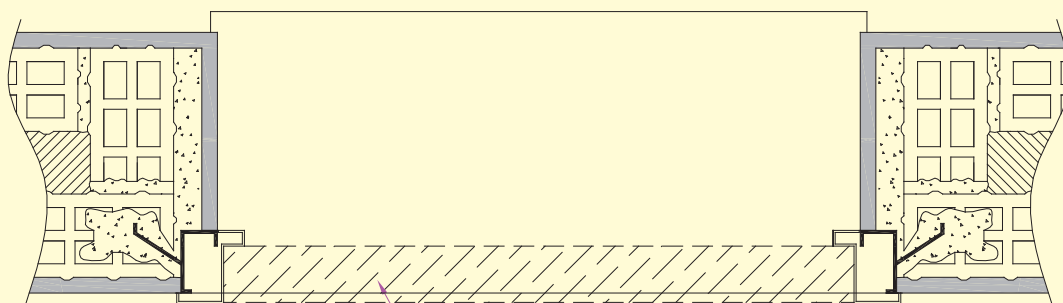
DOOR WITH VISIBLE STOPPER
+ ALUMINUM STOPPER N54x20
(no performance declared for the water holding)



ALUMINUM STOPPER KA19



ALUMINUM STOPPER N54x20

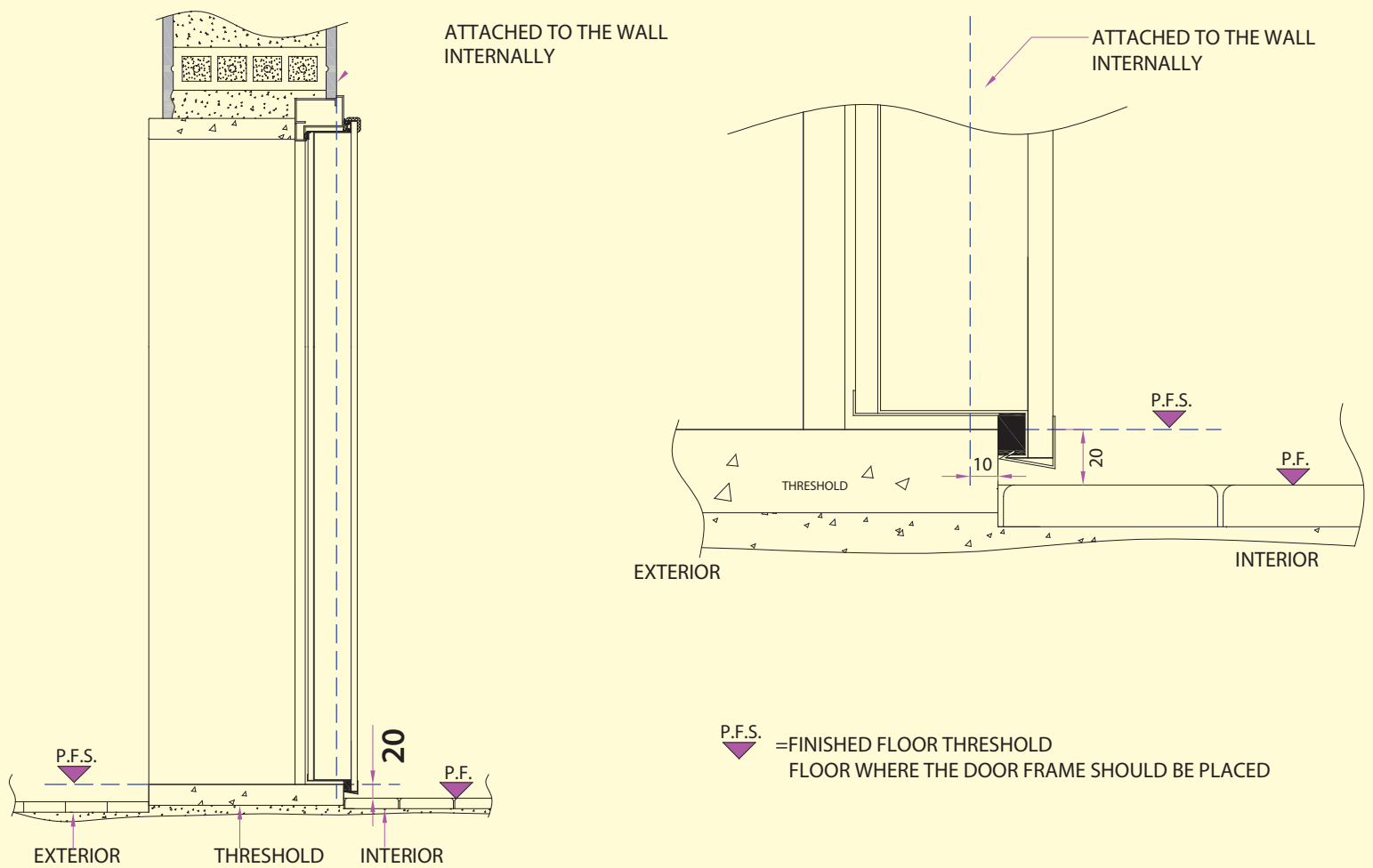


ALUMINUM STOPPER POSITION KA19 e N54x20

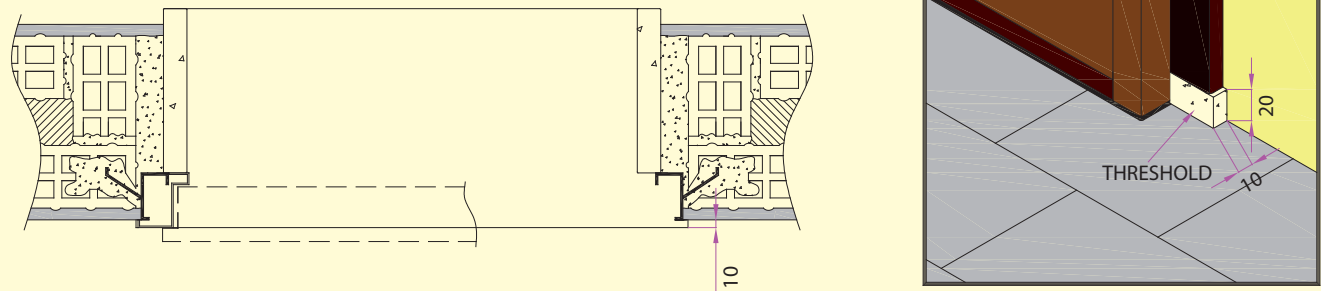
INSTRUCTIONS FOR MOUNTING THE ALUMINUM BAR STOPPER: position the aluminum bar stopper between the door frame uprights laying it on the stopper, mark the perimeter with a pencil. Remove the stopper, extend it on the pavement, in between the marks, place a layer of transparent acetic silicone. Lastly reposition the stopper in place applying pressure in order to make it adhere to the pavement, secure with masking tape. Leave the tape for at least 6 hours. It is fundamental to put silicone also on the perimeter of the door frame, going back over by a centimeter or two over the door frame so as to assure a perfect sealing.



NOT VISIBLE STOPPER 20 mm

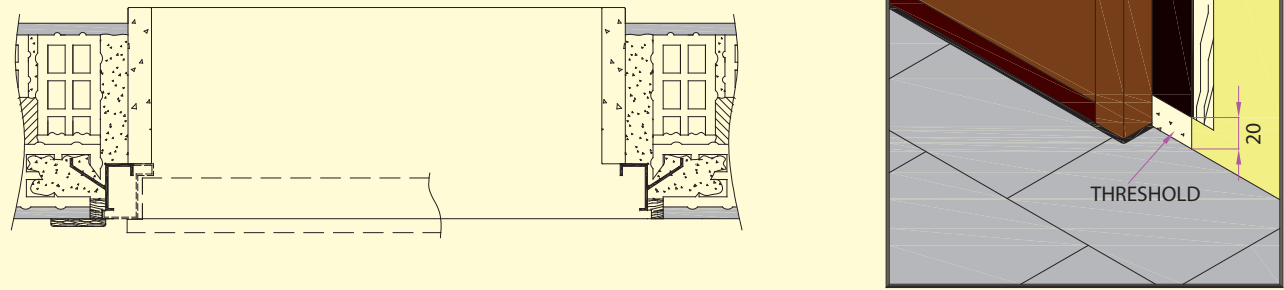


DOOR FRAME "B"



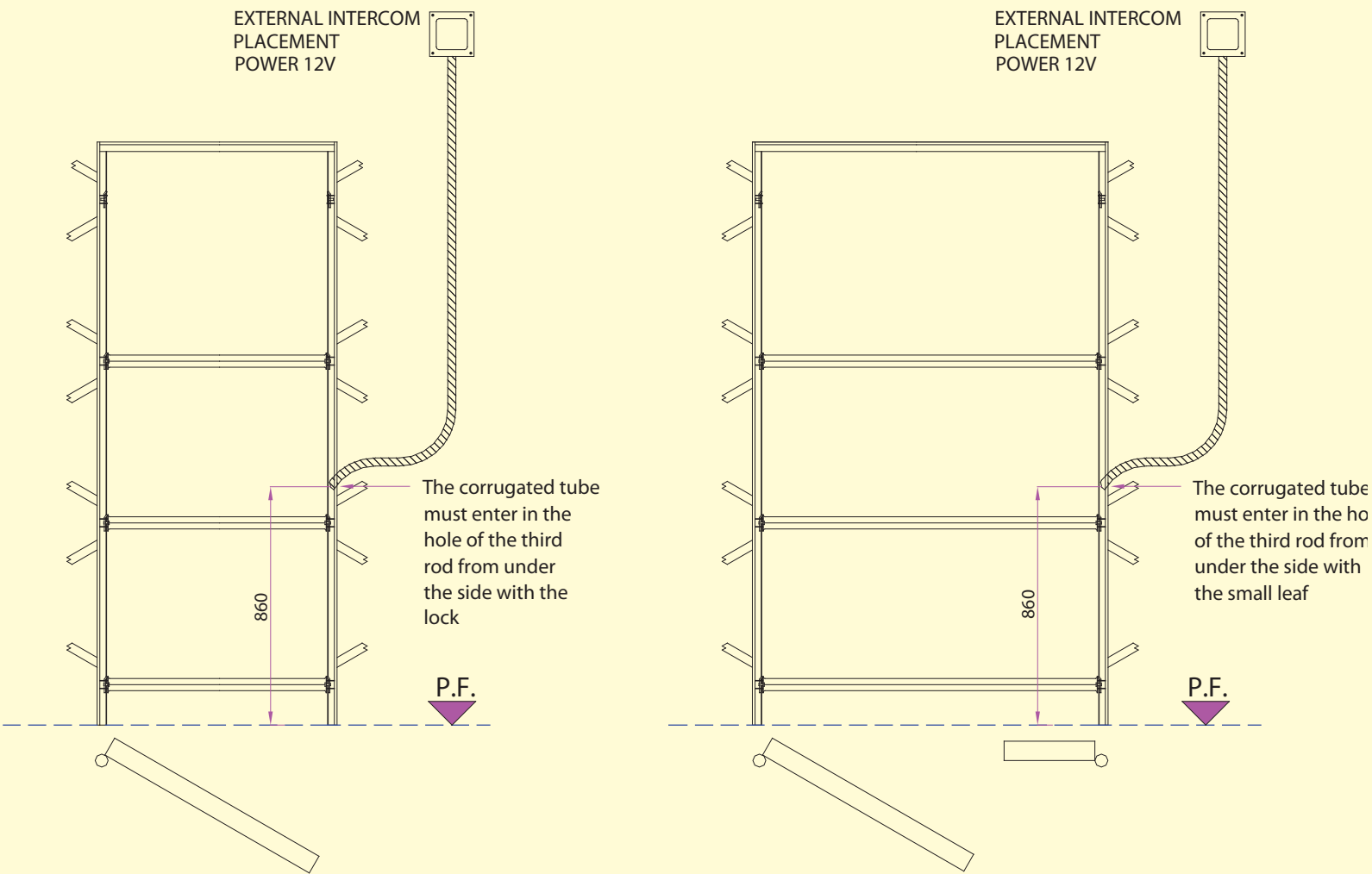
THE THRESHOLD SHOULD PROTRUDE 10 mm FROM THE ATTACHMENT OF THE WALL TO THE DOOR FRAME SO THAT THE CLOSED DOOR TOUCHES THE SEAL

DOOR FRAME "BM"



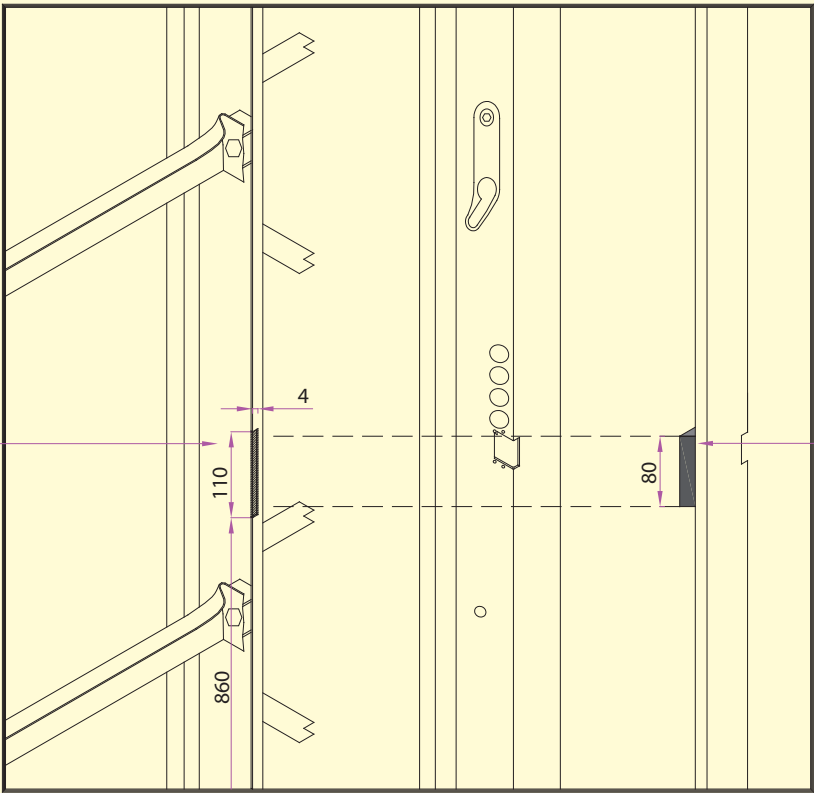
WITH THE "BM" DOOR FRAME THE THRESHOLD SHOULD BE ATTACHED TO THE INTERIOR WALL

ELECTRIC TRIGGER



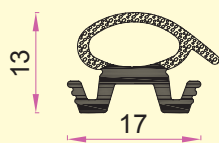
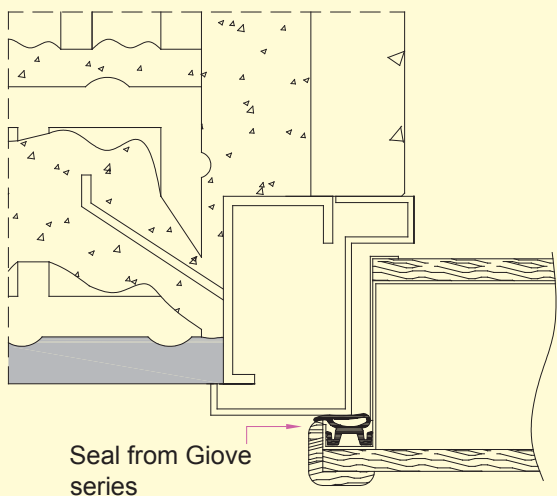
ELECTRIC TRIGGER INSTALLATION

Only for a one leaf door. At the time of installation, remove 4 x 110 mm on the internal fold of the door frame at a height 860 mm from the ground; otherwise the electric trigger mechanism will not have sufficient space for installation.



ELECTRIC TRIGGER MECHANISM
view from behind the chassis

SEALS most commonly used



TUBULAR SEAL

Material: rubber EPDM

Type: coextruded

superior part composed of expanded closed cell EPDM

inferior part composed of compact EPDM

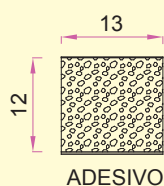
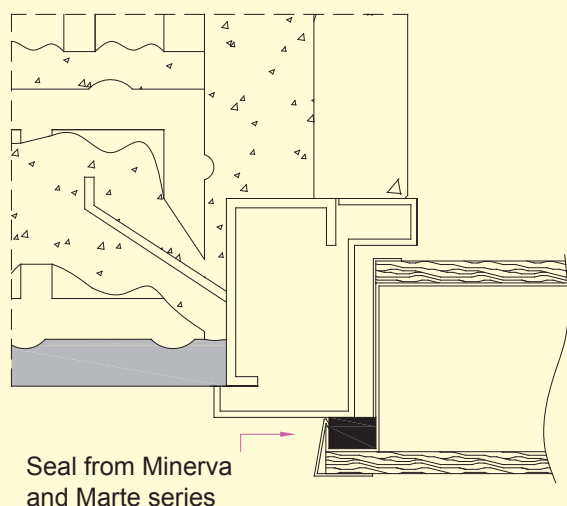
superior part density $0,50 \text{ g/cm}^3$

inferior part density $1,2 \text{ g/cm}^3$

inferior part hardness shore* A 68

operating temperature - 20 to + 80

Color: black



RECTANGULAR PROFILE SEAL

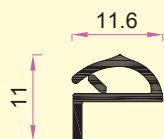
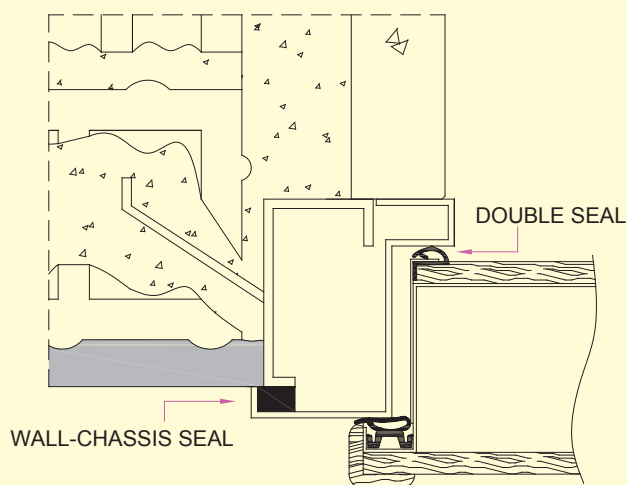
Material: PVC, PVC resin of open cell foam

Type, cut from rolls with adhesive

density $0,12 \text{ g/cm}^3$

operating temperature -20 to + 50

Color: anthracite



PINNED SEAL (DOUBLE SEAL)

Material, EPDM

Type, coextruded

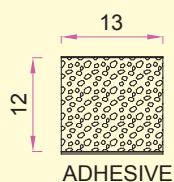
superior part (pin) composed of vinyl plastic hardness shore A 55

inferior part composed of vinyl plastic hardness shore A 82

density $1,31 \text{ g/cm}^3$

operating temperature - 20 to + 60

Color, black



RECTANGULAR PROFILE SEAL (WALL-CHASSIS SEAL)

Material, PVC, PVC resin of open cell foam

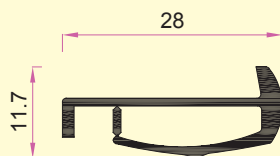
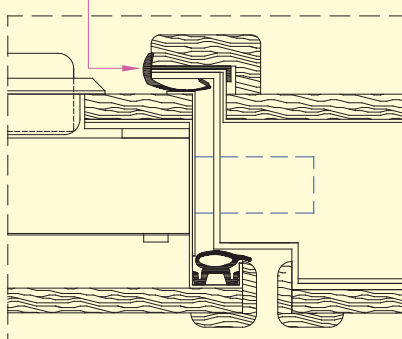
Type, cut from rolls with adhesive

density $0,12 \text{ g/cm}^3$

operating temperature -20 to + 50

Color, anthracite

SEAL FOR SMALL LEAF STOPPER



STOPPER SEAL (SMALL LEAF)

Material, EPDM

Typo, coextruded

density $1,21 \text{ g/cm}^3$

operating temperature - 20 to + 60

Color, black

NOTE:

* Shore = unit of measure of the hardness of the rubber or compact PVC. Ex. shore A 30 soft rubber / shore A 90 semi rigid rubber.

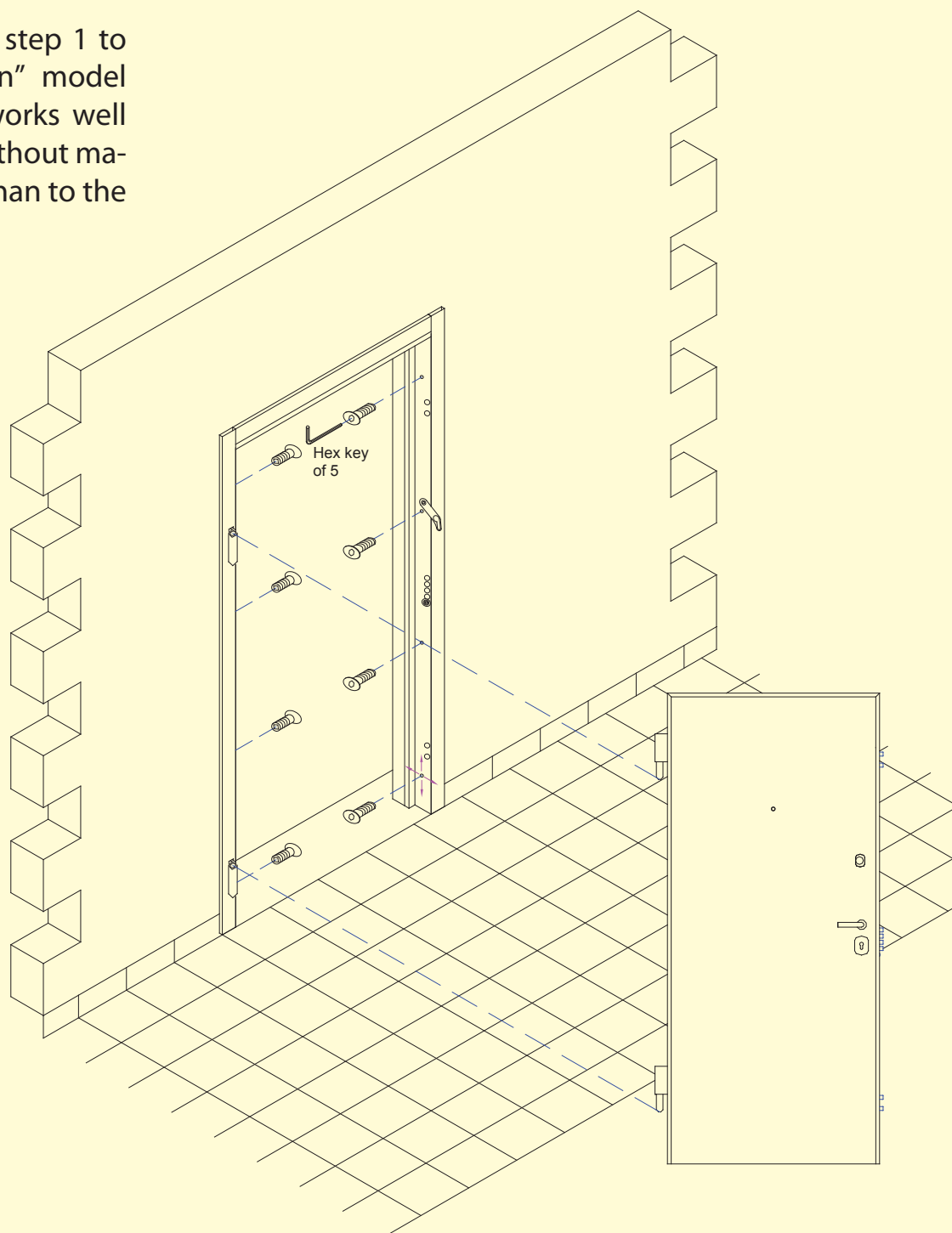
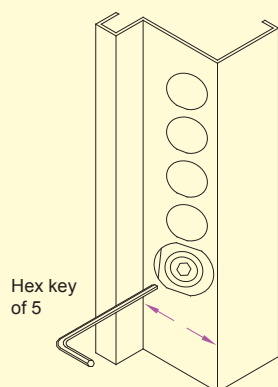
MOUNTING THE DOOR

Follow the instructions from step 1 to step 6, even if the “Dolmen” model armored door often times works well once placed on the hinges without making any adjustments other than to the latch

1

ANCHORING THE DOOR

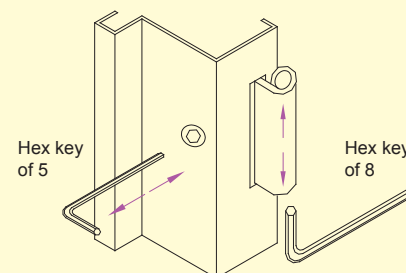
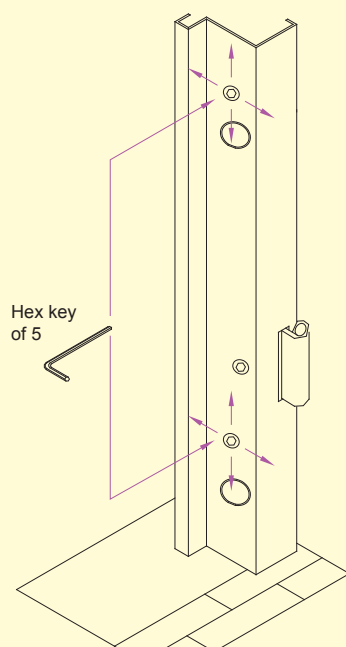
Remove the rods after the cementing has finished, re-clean the door-frame of any plaster residue, insert the frame and secure it with the 8 screws TSPEI 8x20 that are given. Screw the frame as closely as possible to the wall. Lastly, put the door on the hinges.



2

SPRING LATCH

Loosen the spring latch as much as possible inwards.



3

UNIFORMITY

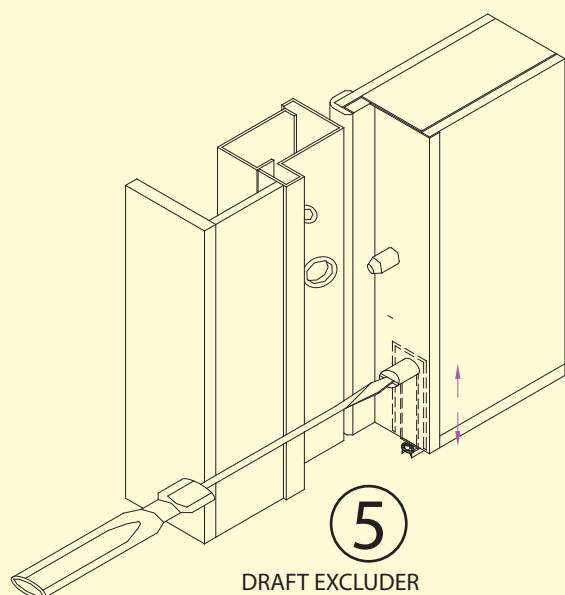
In order for the door to close properly it is necessary to regulate the anchoring. Begin regulating preferably from the two hinges towards the bottom.

4

HINGES

The hinges can be adjusted either vertically or horizontally. Once the door has been centered in the frame and placed at an angle with respect to the pavement, it is left at the point it is found without need of tightening other screws. Lastly, fasten the spring latch (point 2) so that the door does not move.

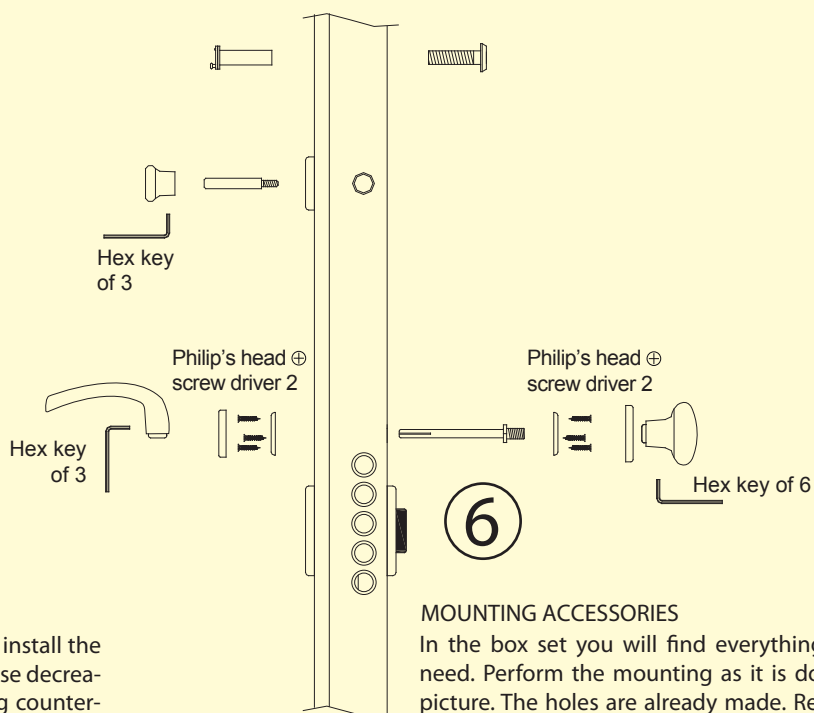




5

DRAFT EXCLUDER

Once the armored door has been regulated, install the self-leveling draft excluder. Screwing clockwise decreases, that is, it is lowered down less. Screwing counter-clockwise increases, that is, it is lowered more. Regulate the draft excluder so that it is lowered at the last moment so as to avoid it dragging along the floor. Attention: if the door is placed on a parquet floor that has not been stained, leave the draft excluder up off the ground so that it does not stick.



6

MOUNTING ACCESSORIES

In the box set you will find everything you will need. Perform the mounting as it is done in the picture. The holes are already made. Recommendations: when mounting the handle lay it down well on the panel applying pressure and then tighten the hex key. The same thing for the knob for partial opening, it is advised to make sure it is well tightened in such a way that the movement is slowed and avoid that it is inserted accidentally.

PARTICULAR ADJUSTMENTS

THEY CAN BE PERFORMED ONLY BY PIACENTINI EMPLOYEES OR BY EXPERT TECHNICIANS

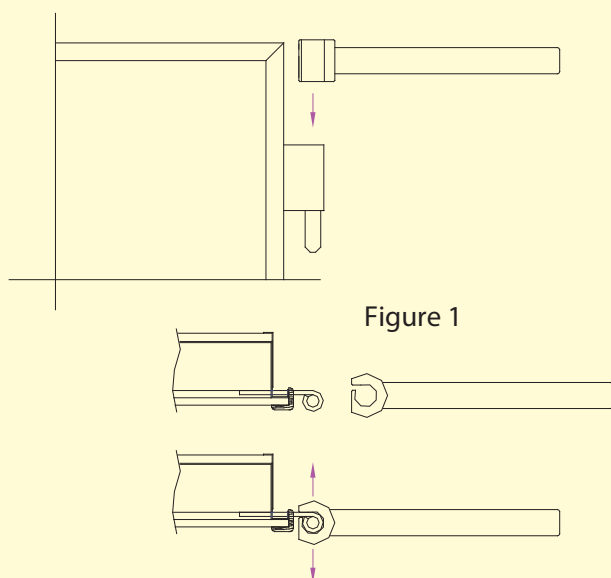


Figure 1

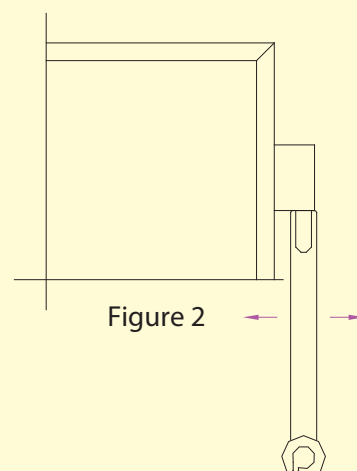


Figure 2

- The "hinge adjuster" tool is used when the normal tools are not sufficient, usually it is used to regulate the uniformity of the door side with hinges, or even when it is a pulling door. Slightly bend the hinge body inward or outward to increase or decrease the space between door and frame on the hinge side (see Figure 1).

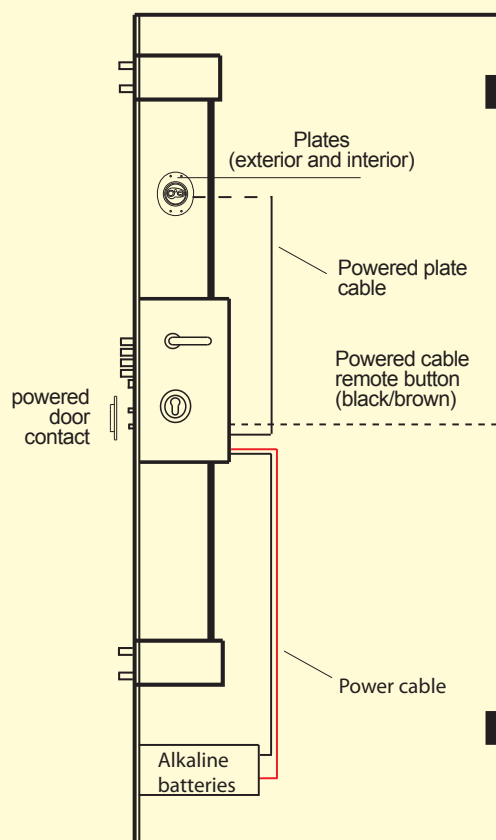
- When the armored door is placed in flawed lead, this condition usually occurs when the floor is not level, it is possible that, once opened, it closes itself; to fix this the pin of a hinge can be misaligned by 1 mm, creating an obstacle in its head so that the door remains stationary at the point where it is left (see Figure 2).

- The flatness of the door with respect to the frame can be adjusted by placing a spacer on the bottom edge of the side with the lock and pushing the edge on top. This way you can adjust the door by a few millimeters without moving the anchoring.

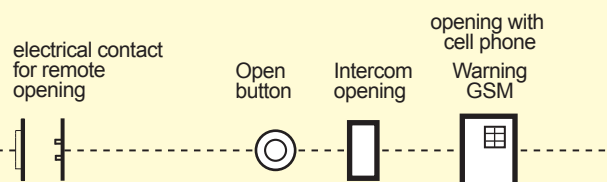
-To solve some problems of matching between the big leaf and small leaf or of excessive space between the door panel and chassis, you can put a spacer of 1.2 mm below the external panel by removing the post. This method clearly can only solve aesthetic problems, but not functional ones.

INSTALLATION Iseo x1R easy

INSTALLATION with alkaline batteries.

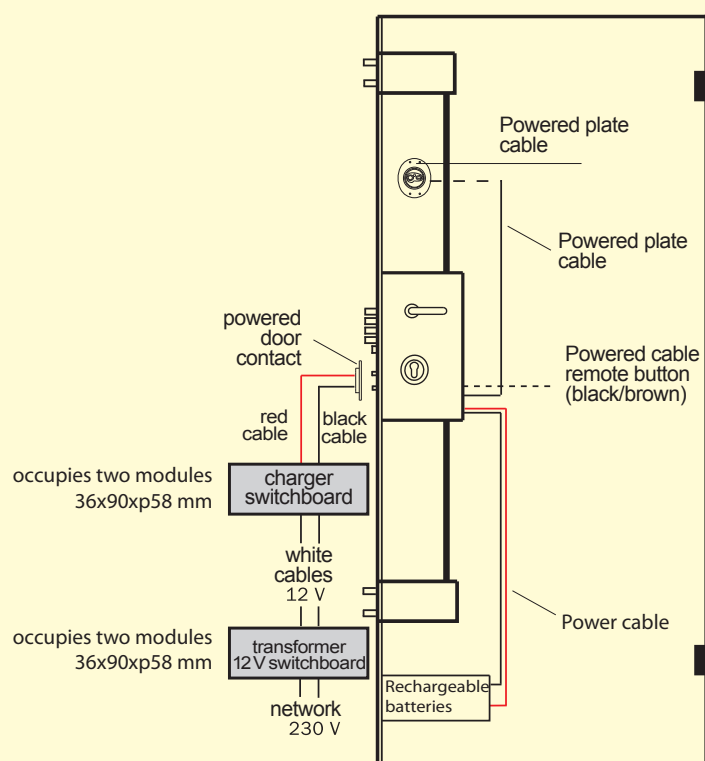


Warning GSM:
 -From the wall 135 x 220 mm p60.
 -Batteries housed in box 1.2A.
 -Power Supply Power 2A 12V.
 With a single card can handle 4 inputs and 4 outputs, then we can open the armored door, withstand the heat, the system by the alarm or send us a text message, etc.

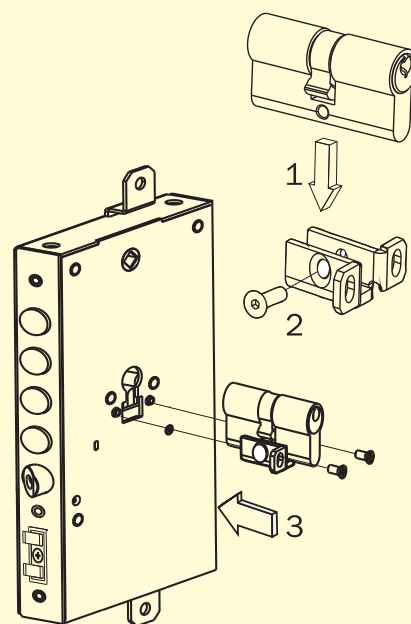


ATTENTION:
 all systems that connect the remote cable must provide a clean contact pulse.

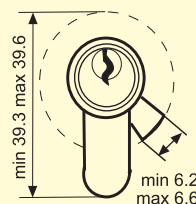
INSTALLATION with rechargeable batteries.



CYLINDER mounting

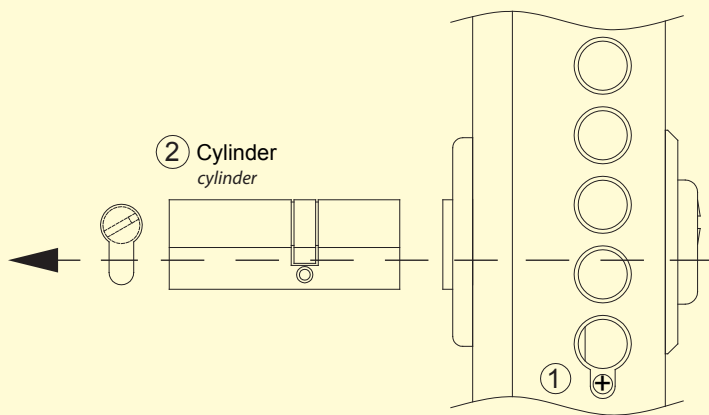


ATTENTION:
 THE X1R LOCK WORKS PROPERLY USING THE UNIFIED CAMMES PROFILE CYLINDERS THAT CORRESPOND WITH THE DIMENSIONS INDICATED IN THE FIGURE.



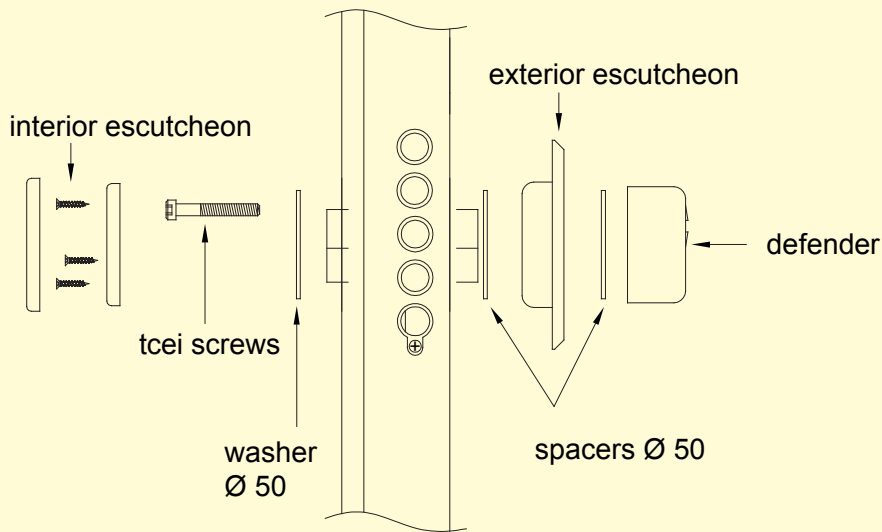
ATTENTION:
 IN THE CASE OF MATCHING CYLINDERS WITH THE KNOB, MAKE SURE THAT AFTER THE ACTION OF THE CYLINDER THAT THE CAM DOES NOT REMAIN ENGAGED CAUSING THE ENGINE TO STALL

CYLINDER REMOVAL
blocking

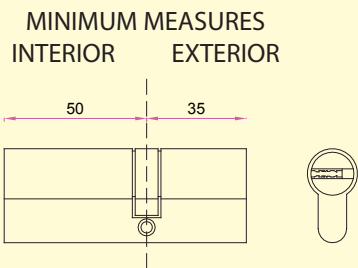


- ① Svitare la vite di fronte e spingerla contro la serratura.
- ② Sfilare il cilindro dal lato interno.

DEFENDER REMOVAL
packet



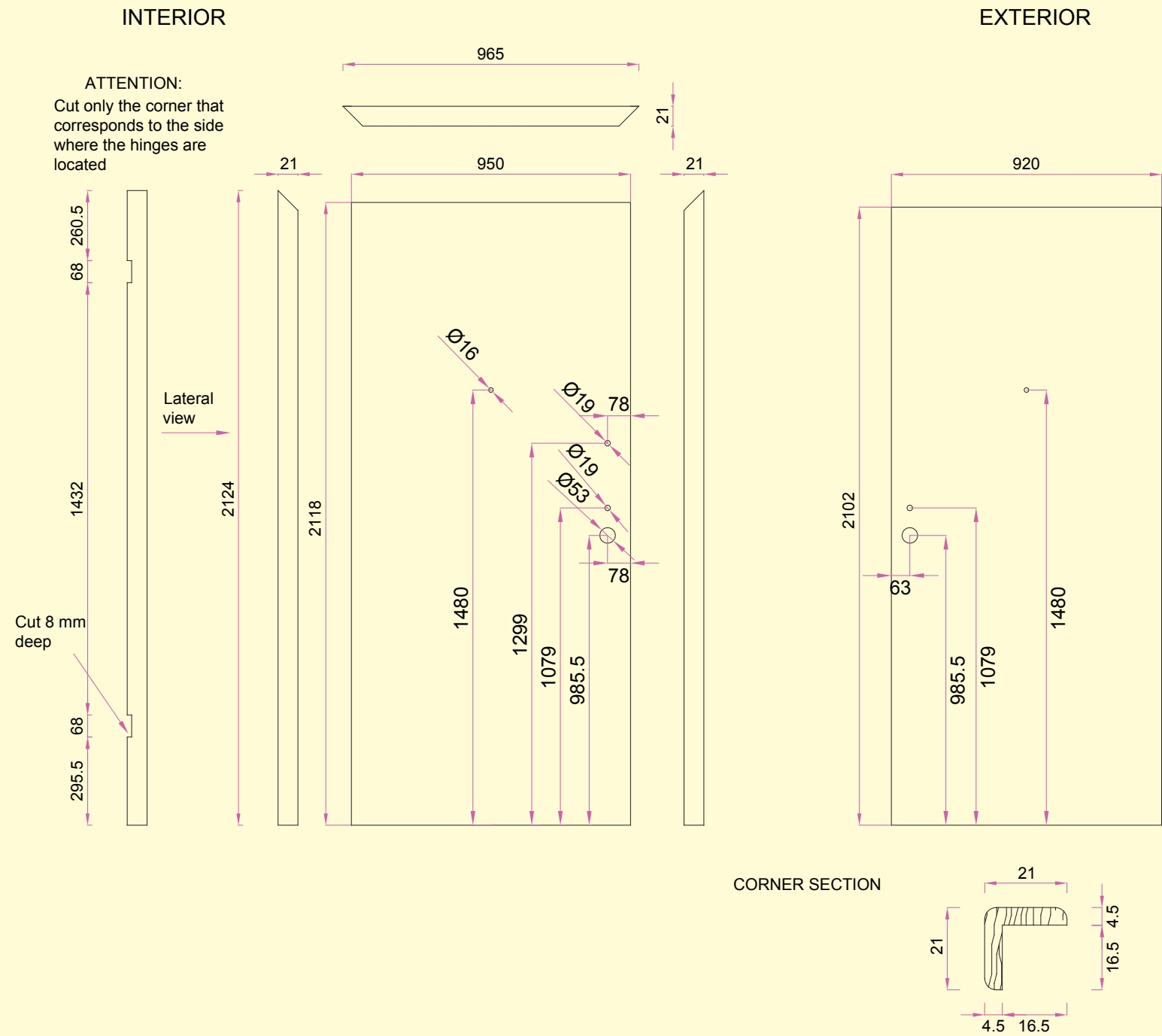
INSTRUCTIONS :
It is important to first remove the cylinder, remove the defender with the spacers and the internal washer, in order to avoid that they fall inside the door. When the cylinder is introduced, make sure that it is in the working position before the packet is tightened, otherwise the lock can be damaged.



INTERIOR	EXTERIOR
50 PANEL THICKNESS 7 mm	35 PANEL THICKNESS 7 - 12 mm
50 PANEL THICKNESS 7 mm	40 PANEL THICKNESS 13 - 15 mm (ex. pantographed)
50 PANEL THICKNESS 7 mm	50 PANEL THICKNESS 16 - 24 mm (ex. hardwood)
60 PANEL THICKNESS 8 - 20 mm	35 PANEL THICKNESS 7 - 12 mm
60 PANEL THICKNESS 8 - 20 mm	50 PANEL THICKNESS 8 - 24 mm
40 PANEL THICKNESS 7 mm (inside frame)	80 PANEL THICKNESS 25 - 50 mm

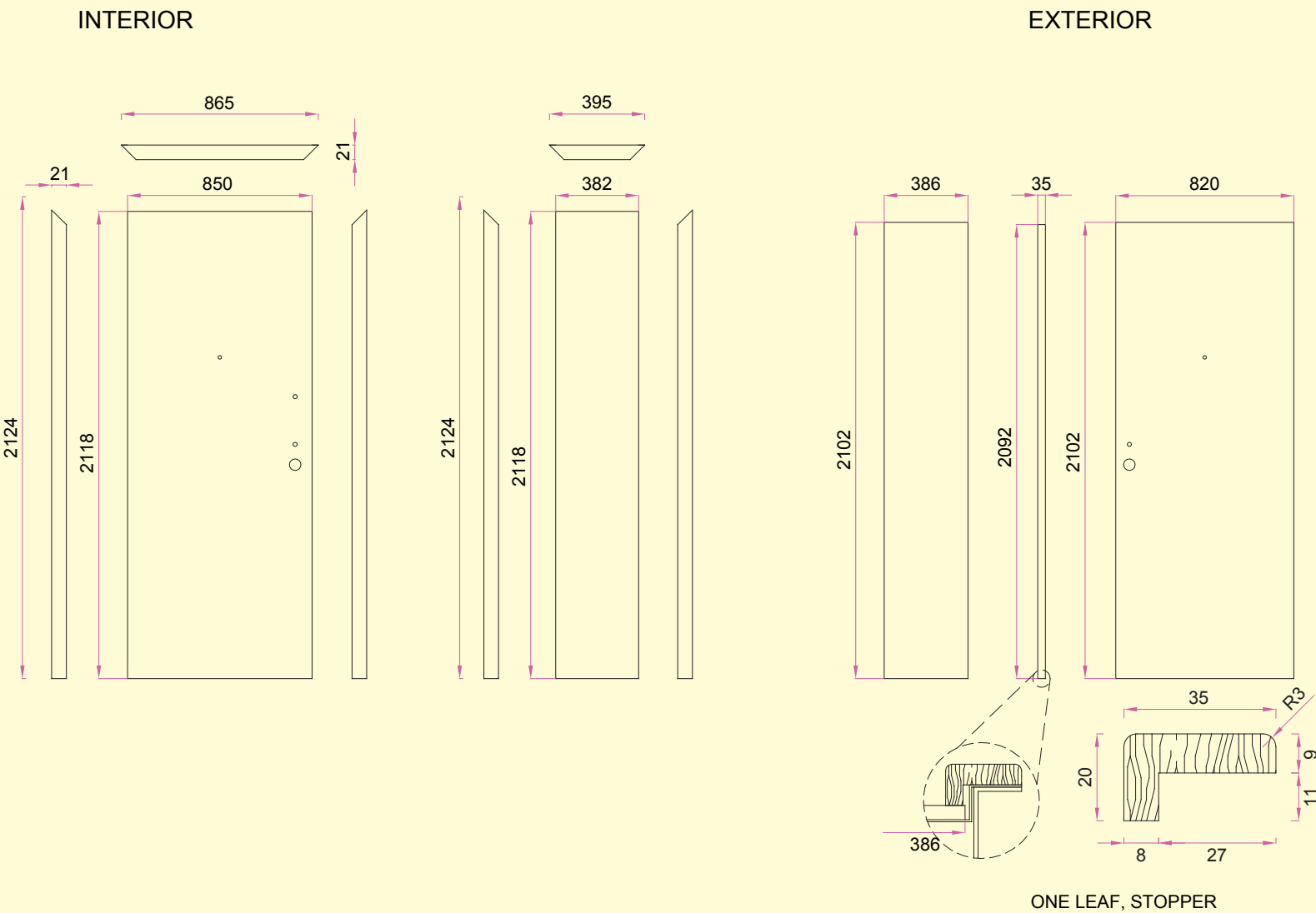
ATTENZIONE: LE CHIAVI PADRONALI DEVONO ESSERE SEMPRE CONSEGNATE IN BUSTA SIGILLATA.

SMOOTH COVERINGS 7 mm FOR ONE LEAF DOOR 90x210 RIGHT



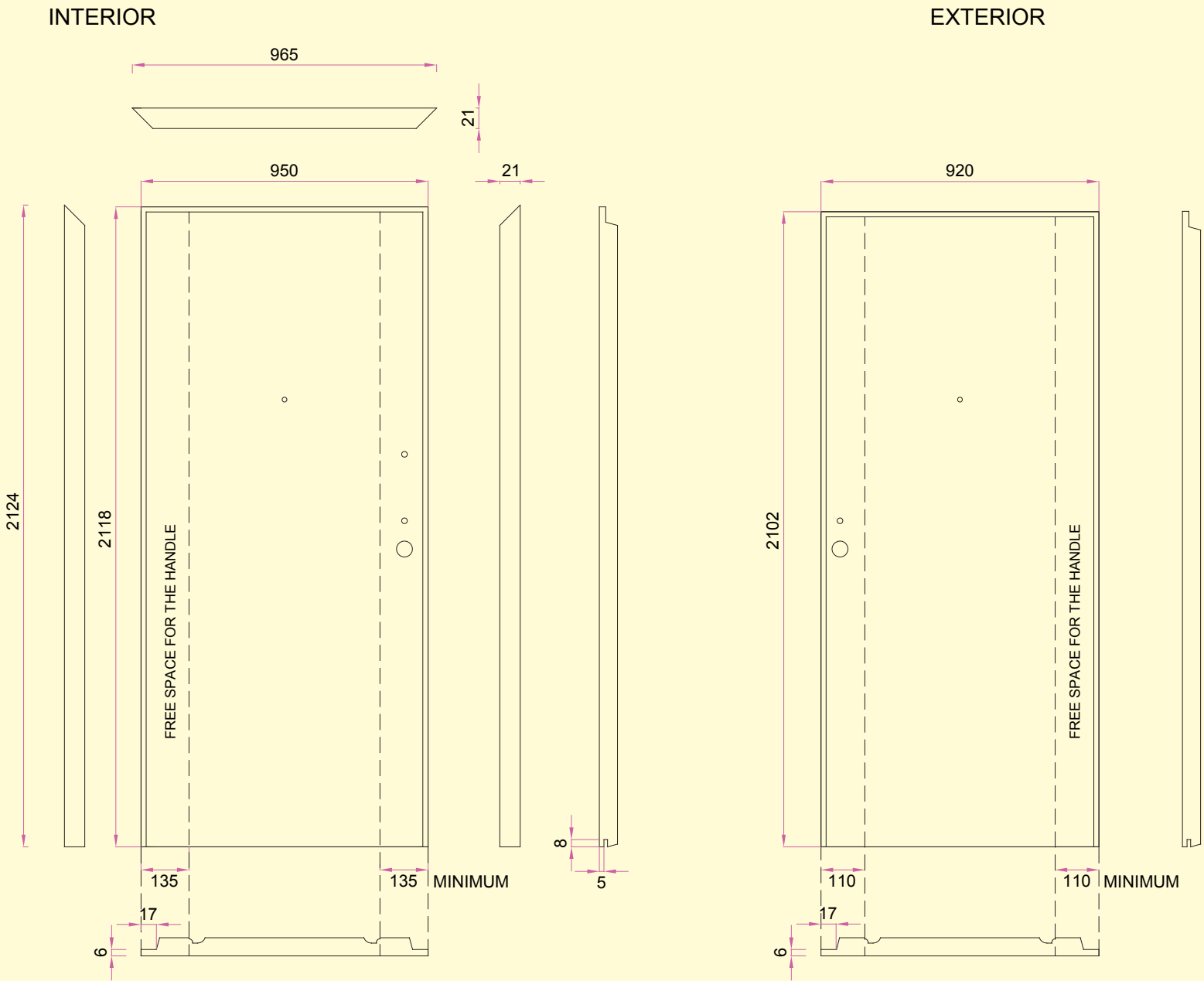
Internal panel	width	light passage + 50	$900 + 50 = 950$
	height	light passage + 18	$2100 + 18 = 2118$
External panel	width	light passage + 20	$900 + 20 = 920$
	height	light passage + 2	$2100 + 2 = 2102$
Internal corner	width	light passage + 65	$900 + 65 = 965$
	height	light passage + 24	$2100 + 24 = 2124$

SMOOTH COVERINGS 7 mm for TWO LEAF DOOR 120x210.80 RIGHT



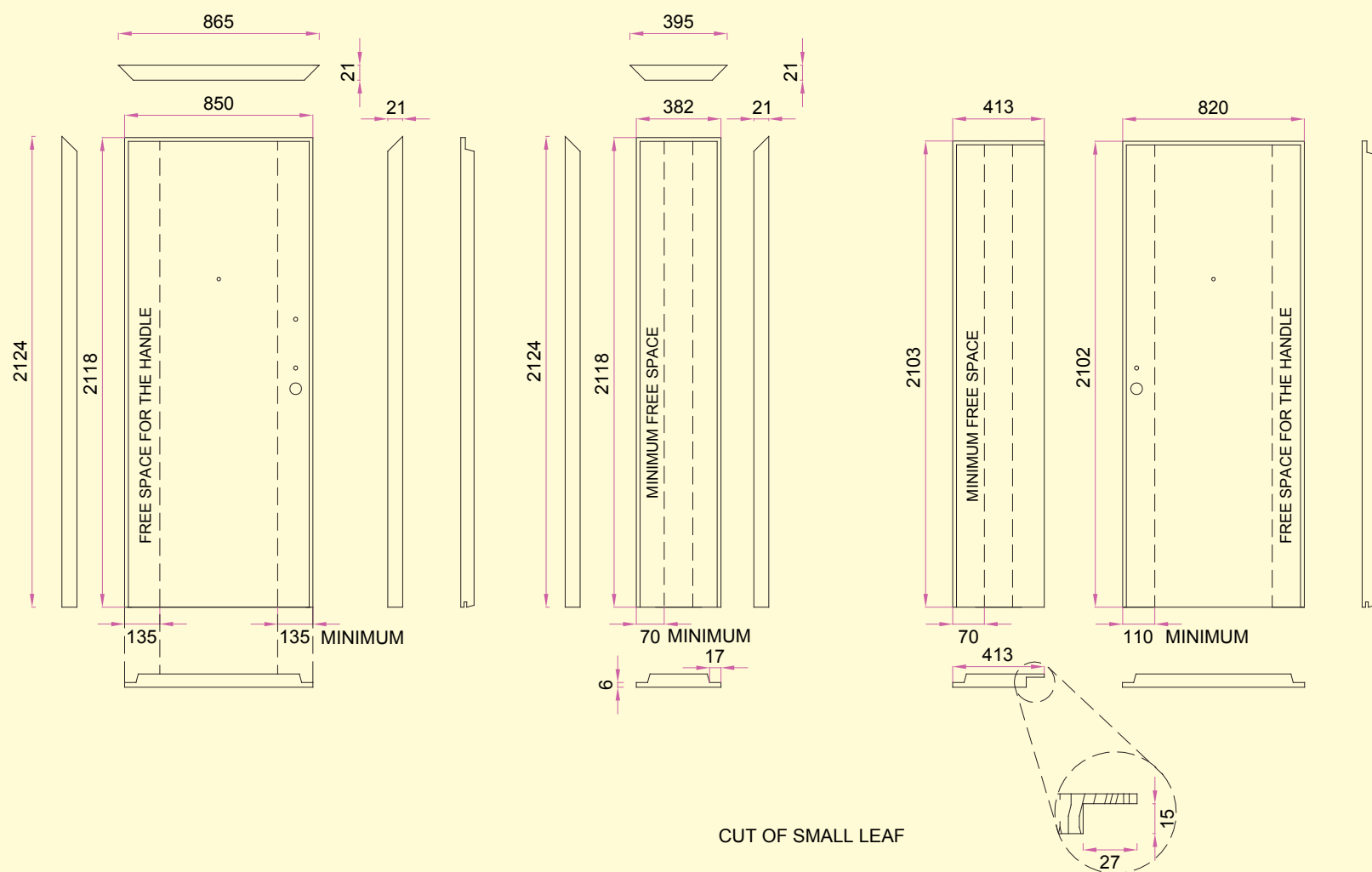
Internal panel	openable leaf	width	light passage + 50	$800 + 50 = 850$
	openable leaf	height	light passage + 18	$2100 + 18 = 2118$
	fixed leaf	width	light passage - 800 - 18	$1200 - 800 - 18 = 382$
	fixed leaf	height	light passage + 18	$2100 + 18 = 2118$
External panel	openable leaf	width	light passage + 20	$800 + 20 = 820$
	openable leaf	height	light passage + 2	$2100 + 2 = 2102$
	fixed leaf	width	light passage - 800 - 14	$1200 - 800 - 14 = 386$
	fixed leaf	height	light passage + 2	$2100 + 2 = 2102$
Internal corner	openable leaf	width	light passage + 65	$800 + 65 = 865$
	openable leaf	height	light passage + 24	$2100 + 24 = 2124$
	fixed leaf	width	light passage - 800 - 5	$1200 - 800 - 5 = 395$
	fixed leaf	height	light passage + 24	$2100 + 24 = 2124$
Smaller leaf stopper		height	light passage - 8	$2100 - 8 = 2092$

PANTOGRAPHED COVERINGS thickness15 mm or HARDWOOD thickness 20 mm for SINGLE LEAF DOOR 90x210 RIGHT



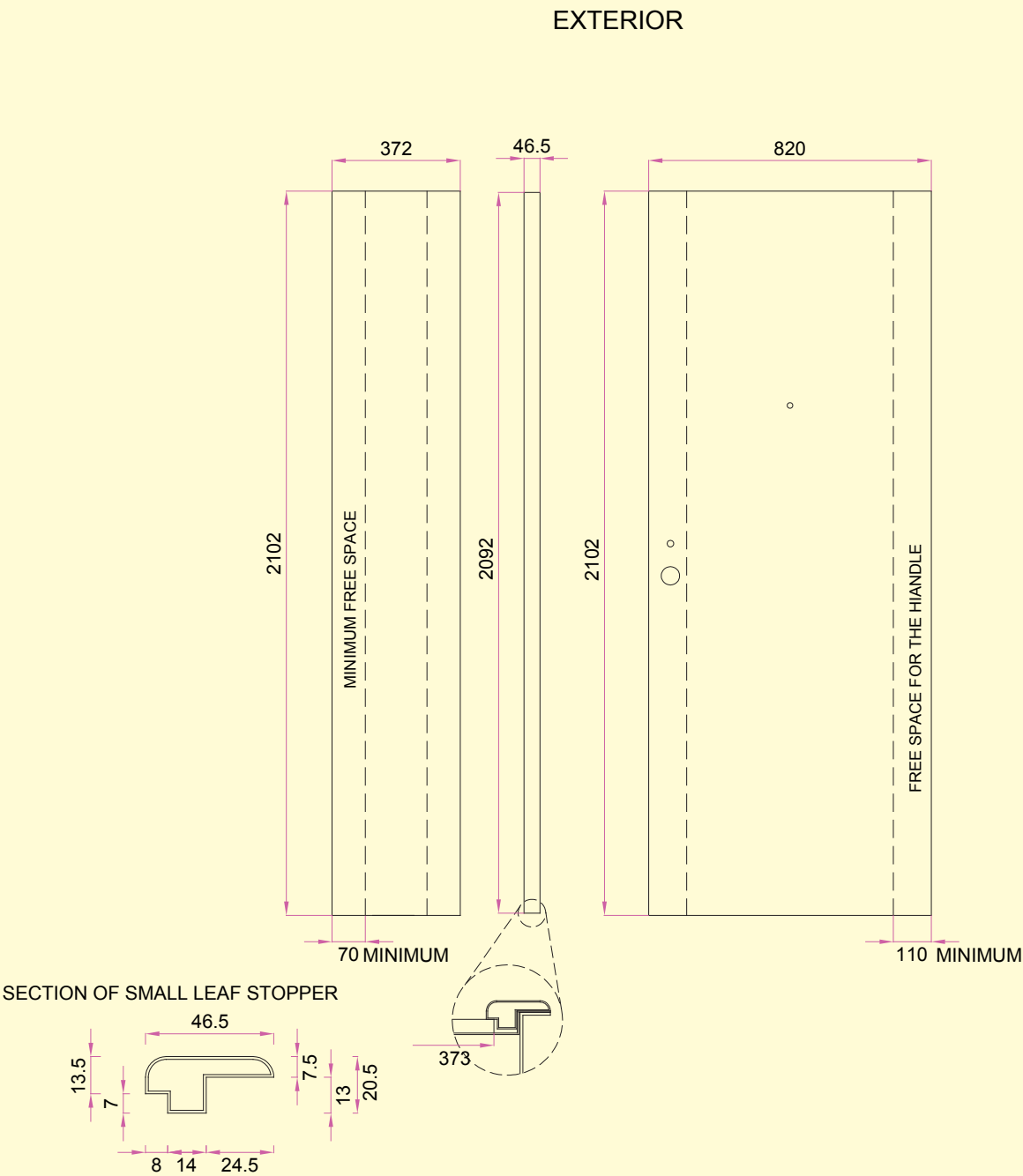
Internal panel	width	light passage + 50	$900 + 50 = 950$
	height	light passage + 18	$2100 + 18 = 2118$
External panel	width	light passage + 20	$900 + 20 = 920$
	height	light passage + 2	$2100 + 2 = 2102$
Internal corner	width	light passage + 65	$900 + 65 = 965$
	height	light passage + 24	$2100 + 24 = 2124$

EXTERIOR



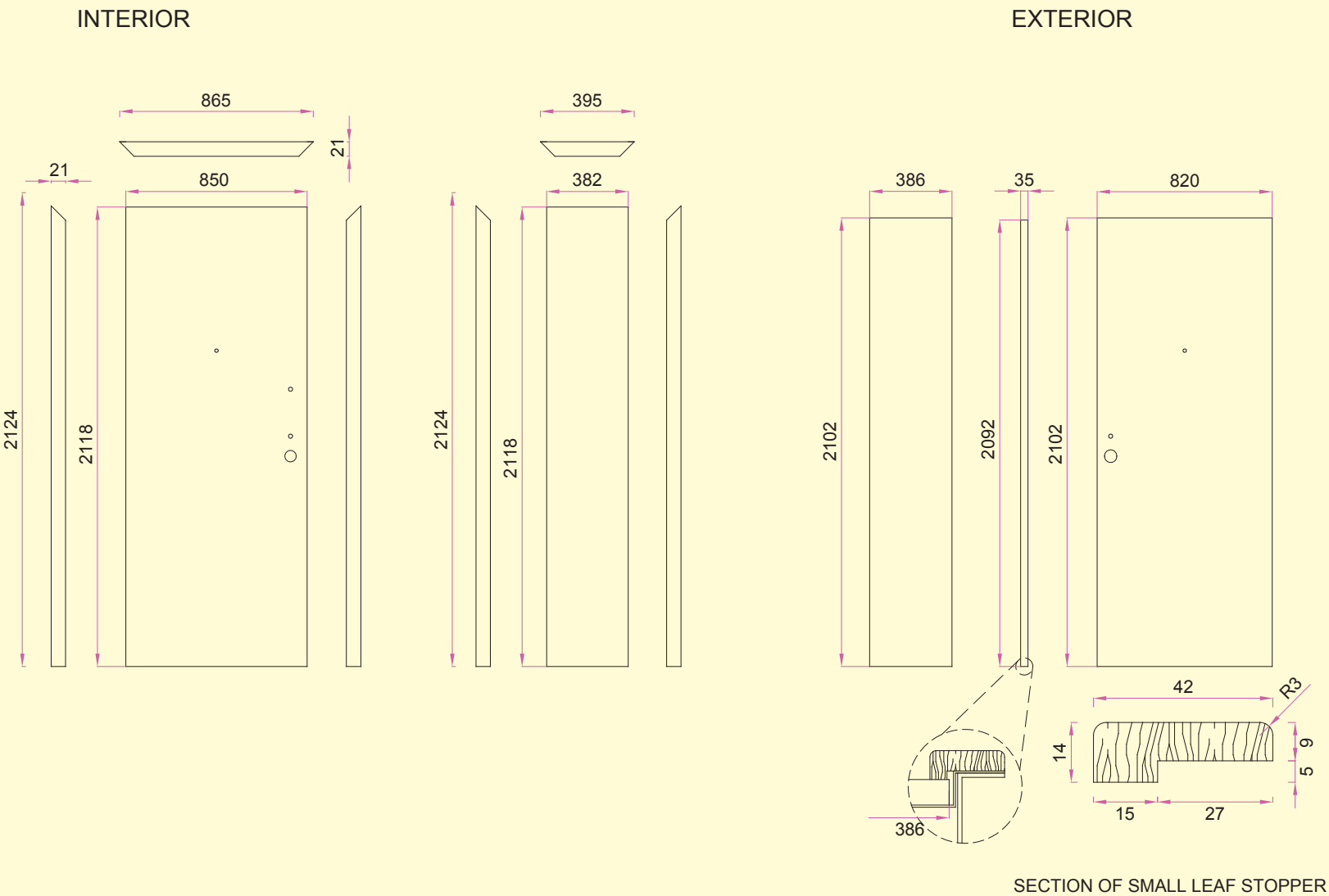
Internal panel	openable leaf	width	light passage + 50	$800 + 50 = 850$
	openable leaf	height	light passage + 18	$2100 + 18 = 2118$
	fixed leaf	width	light passage - 800 - 18	$1200 - 800 - 18 = 382$
	fixed leaf	height	light passage + 18	$2100 + 18 = 2118$
External panel	openable leaf	width	light passage + 20	$800 + 20 = 820$
	openable leaf	height	light passage + 2	$2100 + 2 = 2102$
	fixed leaf	width	light passage - 800 + 13	$1200 - 800 + 13 = 413$
	fixed leaf	height	light passage + 2	$2100 + 2 = 2102$
Internal corner	openable leaf	width	light passage + 65	$800 + 65 = 865$
	openable leaf	height	light passage + 24	$2100 + 24 = 2124$
	fixed leaf	width	light passage - 800 - 5	$1200 - 800 - 5 = 395$
	fixed leaf	height	light passage + 24	$2100 + 24 = 2124$

ALUMINUM COVERING thickness 7 mm for TWO LEAF DOOR120x210.80 RIGHT



External panel	openable leaf	width	light passage + 22	$800 + 20 = 820$
	openable leaf	height	light passage + 3	$2100 + 2 = 2102$
	fixed leaf	width	light passage - 800 - 27	$1200 - 800 - 28 = 372$
	fixed leaf	height	light passage + 3	$2100 + 2 = 2102$
Small leaf stopper		height	light passage - 7	$2100 - 7 = 2093$

PVC COVERING THICKNESS 12 mm per TWO LEAF DOOR 120x210.80 RIGHT



SECTION OF SMALL LEAF STOPPER

Internal panel	openable leaf	width	light passage + 50	$800 + 50 = 850$
	openable leaf	height	light passage + 18	$2100 + 18 = 2118$
	fixed leaf	width	light passage - 800 - 18	$1200 - 800 - 18 = 382$
	fixed leaf	height	light passage + 18	$2100 + 18 = 2118$
External panel	openable leaf	width	light passage + 20	$800 + 20 = 820$
	openable leaf	height	light passage + 2	$2100 + 2 = 2102$
	fixed leaf	width	light passage - 800 - 14	$1200 - 800 - 14 = 386$
	fixed leaf	height	light passage + 2	$2100 + 2 = 2102$
Internal corner	openable leaf	width	light passage + 65	$800 + 65 = 865$
	openable leaf	height	light passage + 24	$2100 + 24 = 2124$
	fixed leaf	width	light passage - 800 - 5	$1200 - 800 - 5 = 395$
	fixed leaf	height	light passage + 24	$2100 + 24 = 2124$
Smaller leaf stopper		height	light passage - 8	$2100 - 8 = 2092$

Dolmen CS Model Armored Door

It is an armored door with HIDDEN HINGES, robust and discreet.

FLUSH TO THE WALL



Model:
Dolmen CS
View:
interior
Mounting:
interior
Covering:
Bleached dur-
mast line

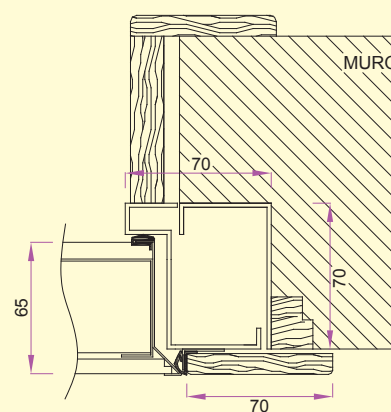




Interior view of frame



Lock in detail



DOLMEN CS door frame "A", interior placement

Dolmen CS Model Armored Door



Handle in detail

Model: ***Dolmen CS***
View: ***Interior***
Mounting: ***interior***
Covering: ***Brushed yellow pine Ral 9006***



EXTERIOR PLACEMENT

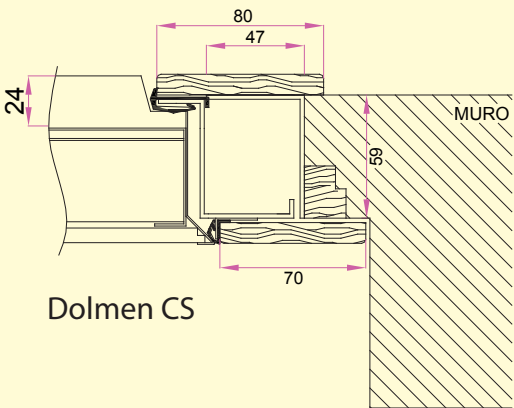
This is a bit of an unusual solution but is beautiful nonetheless. The door covering is of the same thickness as the trim so that they are on the same plane. This style is available also on the Dolmen CS with hidden hinges as well as the Dolmen model with visible hinges.



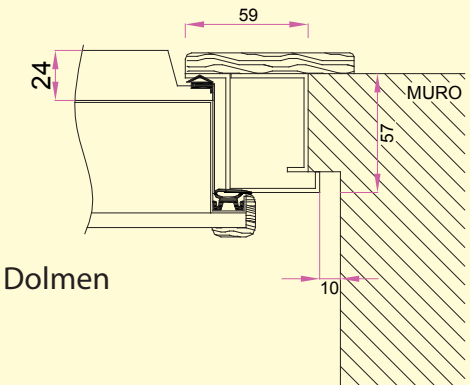
Model: *Dolmen CS*
View: *exterior*
Mounting: *exterior*
Covering: *Zebrano 24 mm*
Handle: *Steel 102*



Door covering and trim on same plane.



DOOR FRAME "Ar" exterior placement, plaster wall finish



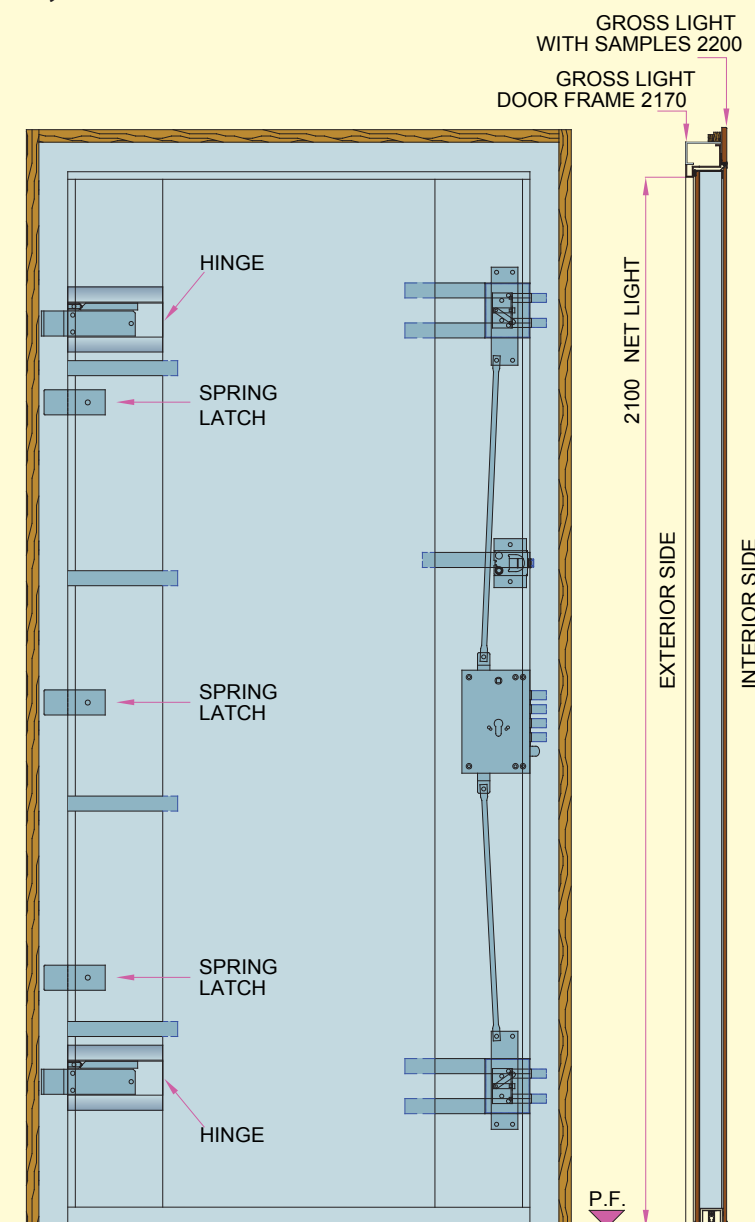
DOOR FRAME "Br" exterior placement, plaster wall finish

Dolmen CS Model Armored Door

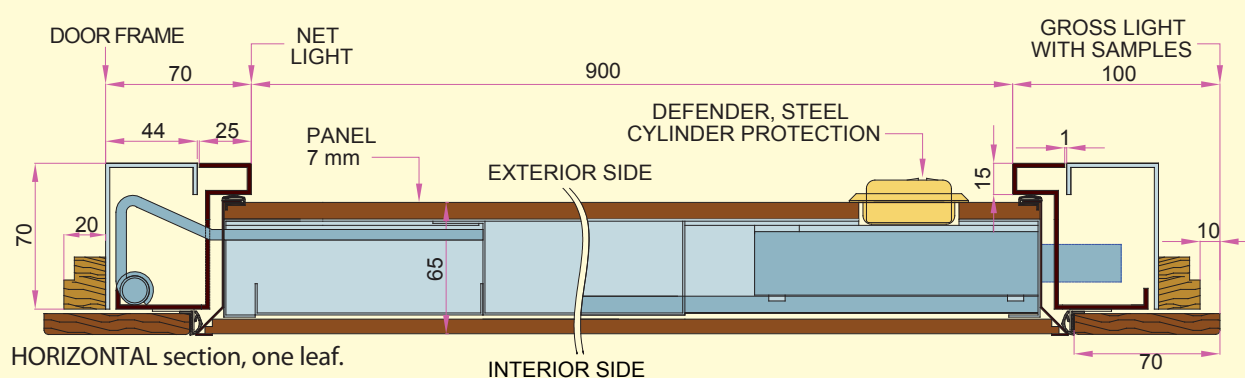
HIDDEN HINGES three axes, opening 105 °. It can be mounted only on cassamatta "A"



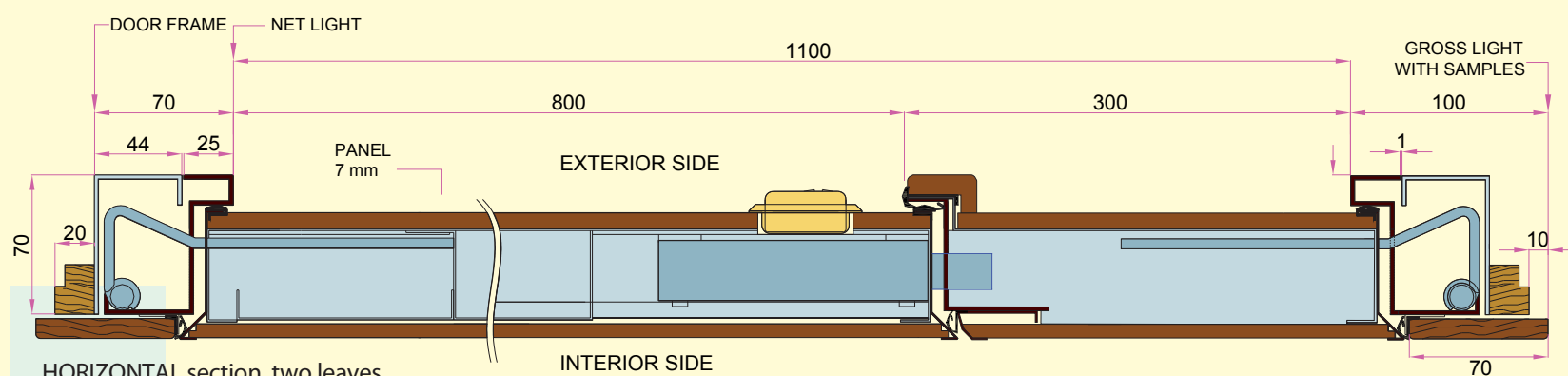
BODY without inside coating.



INTERNAL view and vertical section.



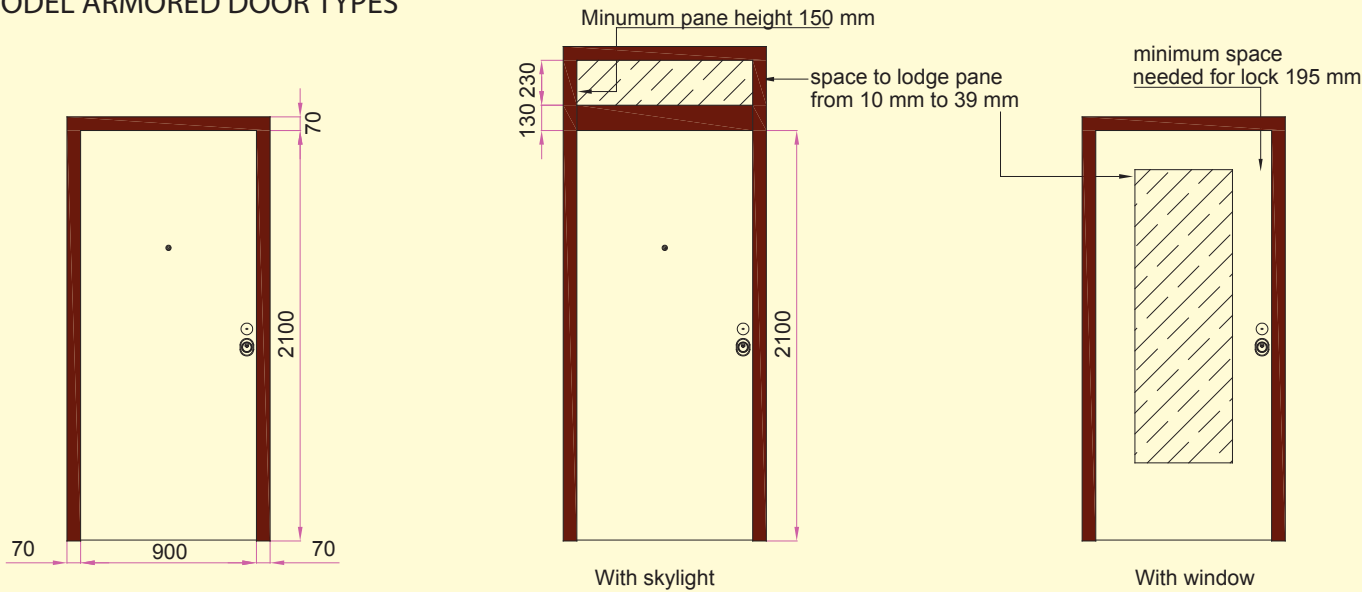
HORIZONTAL section, one leaf.



HORIZONTAL section, two leaves.

DOLMEN CS MODEL ARMORED DOOR TYPES

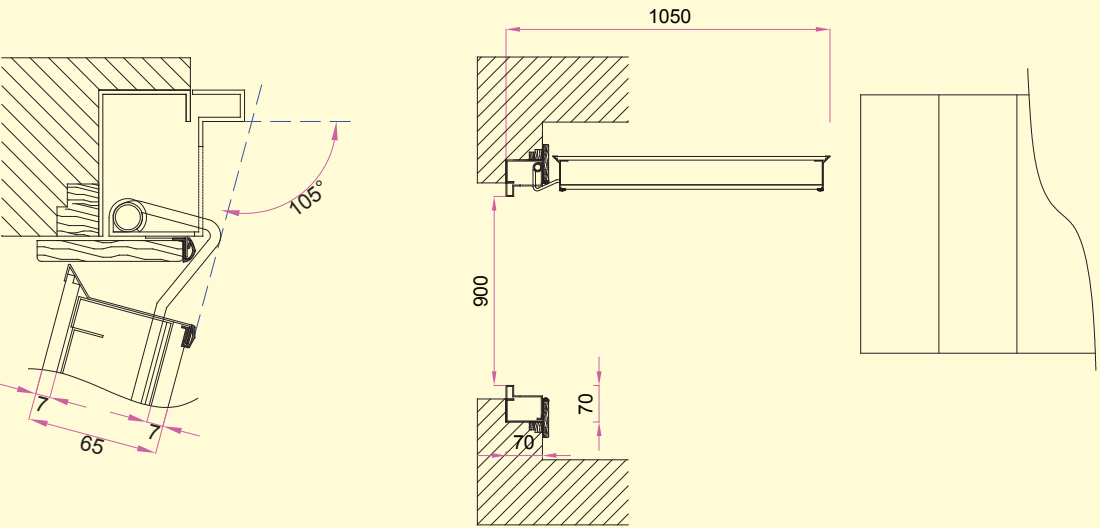
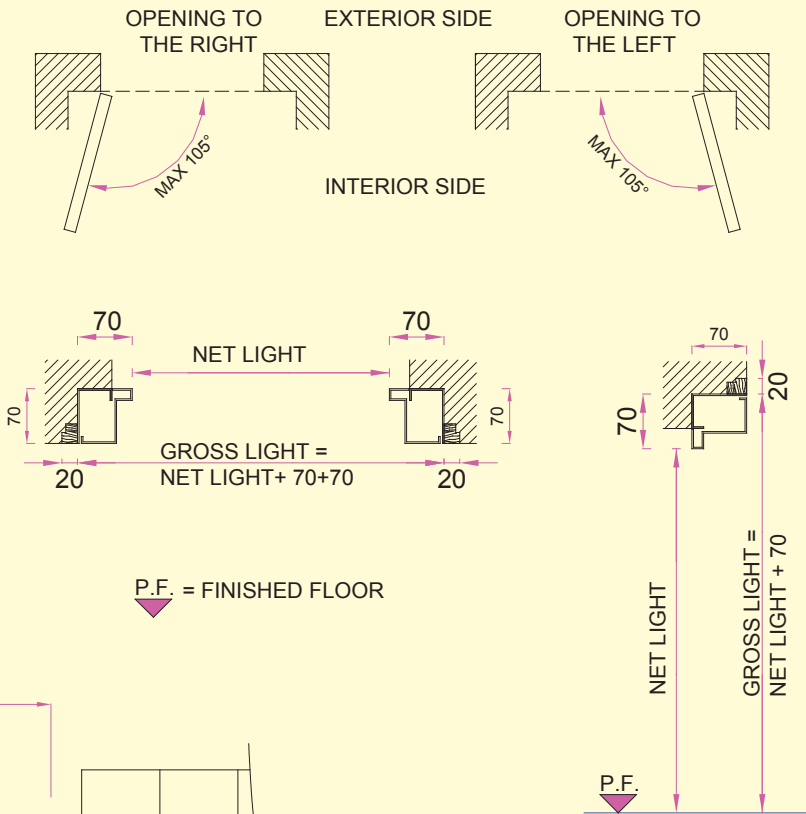
ONE LEAF



TECHNICAL NOTES

STANDARD ARMORED DOOR MEASUREMENTS DOLMEN CS			
	WIDTH x HEIGHT	WIDTH x HEIGHT	WIDTH x HEIGHT
NET LIGHT	800 X 2100	850 X 2100	900 X 2100
GROSS LIGHT DOOR FRAME	940 X 2170	990 X 2170	1040 X 2170
GROSS LIGHT WITH SAMPLES*	1000 X 2170	1050 X 2170	1100 X 2200

NOTE: * With 70 mm wide sample



TECHNICAL NOTES:

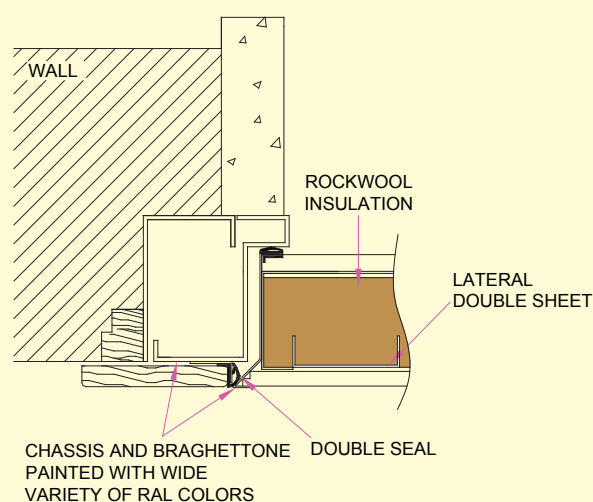
- Maximum aperture is 105°.
- When the door is open at 90° the entrance is 105 cm wide.
- Net Light (Ex.90x210) it is necessary to add at least 7 cm to each side in order to mount the door; and 10 cm per side to mount the trim 7x1.
- ATTENTION, when placed in the center of the wall, add 9 cm to the net light on each side or else the door will not open to 90°.

GLOVE series covering

Steel frame thickness 2 mm, body armored door galvanized steel thickness 1 mm, omega unique interior (double sheet) 1 mm thick galvanized steel, double-switch top and bottom, double reinforcement switches in galvanized steel thickness 2 mm, n ° 3 bolts clamp provided 50x5, No. 2 hinges ball with recording three axes, lock without European cylinder, panoramic peephole 180 °, handles in aluminum, polished brass or satin chrome, insignia entrance key snap with hidden screws, double side plate, kit thermal acoustic, chassis and braghettone painted RAL colors (dark brown matt, 1013, 6005, 7035, 8017, 9005, 9006, 9010, 9016 *, 8019 orange peel).



Dolmen CS model GLOVE series, interior view.



GLOVE series section.

Test results on Dolmen CS model blind armored door single leaf or with a window with P20 glazing, net light between 109x240 cm:

Anti-Burglary: Uni En 1627-30, testing method and classification	class 3
Air permeability: Uni En 1026 testing method, Uni En 12207 classification	class 2
Water Holding: Uni En 1027 testing method, Uni En 12208 classification	class NPD**
Wind Resistance: Uni En 12211 testing method, Uni En 12210 classification	class C5
Thermal transfer: Uni En Iso 10077/1-2 testing method, results	Ud = 1.49 W/m ² K
Acoustic isolation: Uni En Iso 140/3 testing method, En Iso 717-1, results	Rw 45 dB



NOTE:

* Matched with our white lacquer.

** No performance declared

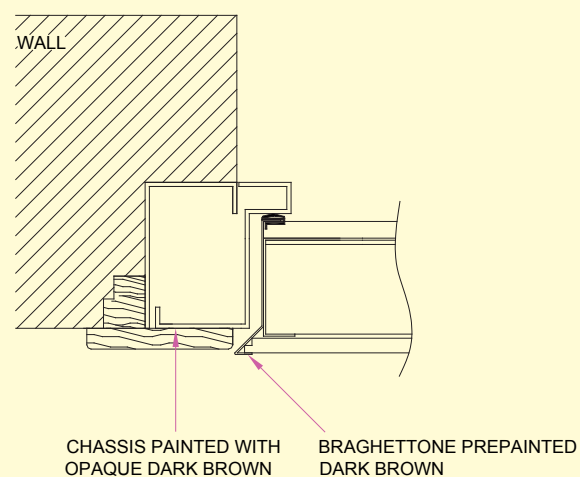
MINERVA series covering

(minimum 10 doors, only one leaf doors with standard measure blind flank net light 80-85-90x210 cm)

Steel frame thickness 2 mm, body armored door galvanized steel thickness 1 mm, omega unique interior (double sheet) 1 mm thick galvanized steel, double-switch top and bottom, double reinforcement switches in galvanized steel thickness 2 mm, n ° 3 bolts clamp provided 50x5, No. 2 hinges ball with recording three axes, lock without European cylinder, panoramic peephole 180 °, bronzed aluminum handles, trims entrance key snap with hidden screws, braghettone prepainted dark brown, frame painted dark brown, self-leveling draft excluder.
(This panel lacks all the items highlighted in the GIOVE series).



Dolmen CS model MINERVA series, interior view.



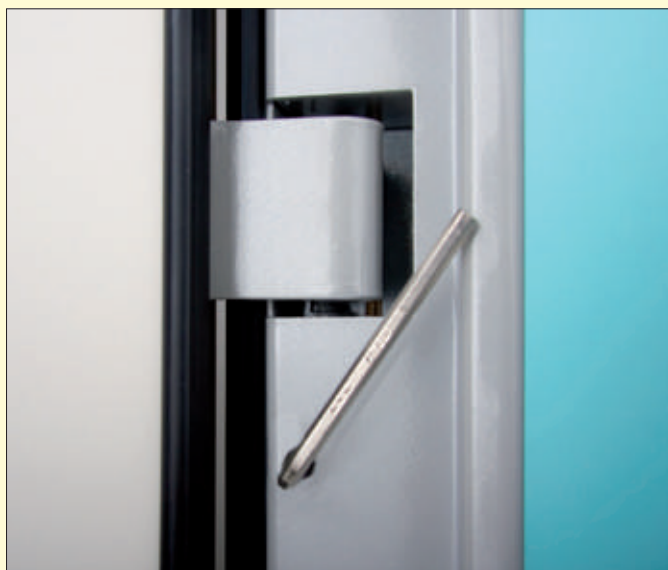
MINERVA series section.

Test results on Dolmen CS model armored door single leaf blind flank.

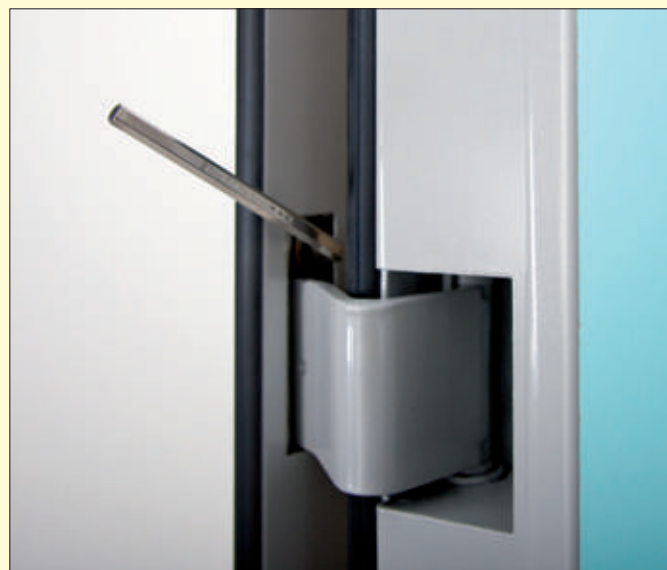
Anti-Burglary:	Uni En 1627-30, testing method and classification	.....	class 3
Air permeability:	Uni En 1026 testing method, Uni En 12207 classification	.....	class 1
Water Holding:	Uni En 1027 testing method, Uni En 12208 classification	.....	class NPD
Wind Resistance:	Uni En 12211 testing method, Uni En 12210 classification	.....	class C5
Thermal transfer:	Uni En Iso 10077/1-2 testing method, results	.....	Ud = 2.44 W/m ² K
Acoustic isolation:	Uni En Iso 140/3 testing method, En Iso 717-1, results	.....	Rw 31 dB

Dolmen CS Model Armored Door

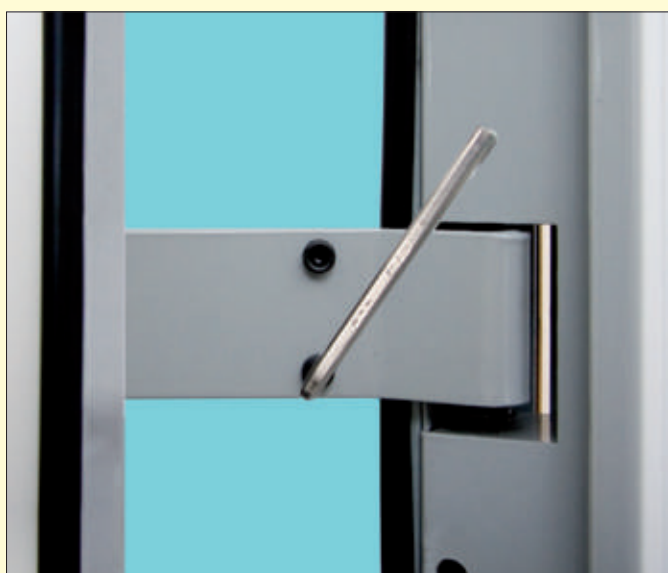
PARTICULAR CLOSURES AND OPTIONAL Dolmen CS model features



HIDDEN HINGES vertical adjustment.



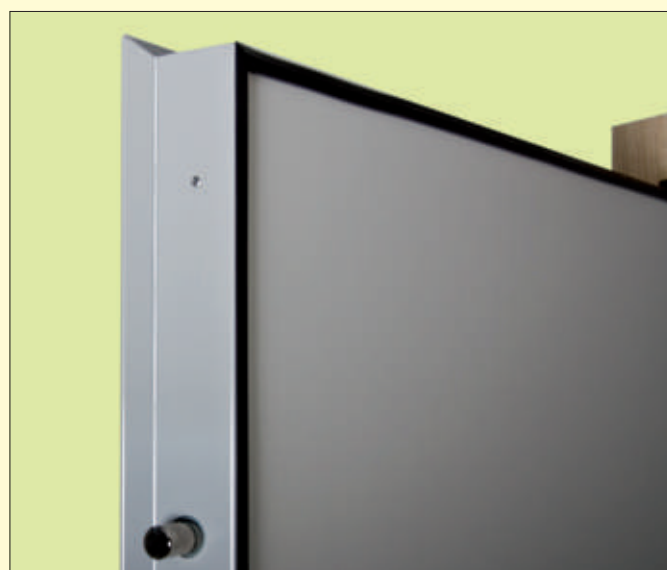
HIDDEN HINGES horizontal adjustment



HIDDEN HINGES planar adjustment



ROSTRUM clamp 50x5.



BRAGHETTONE PROFILE



MOUNTING DOOR FRAME

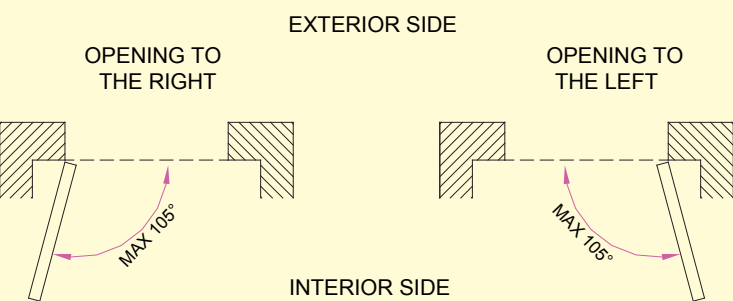
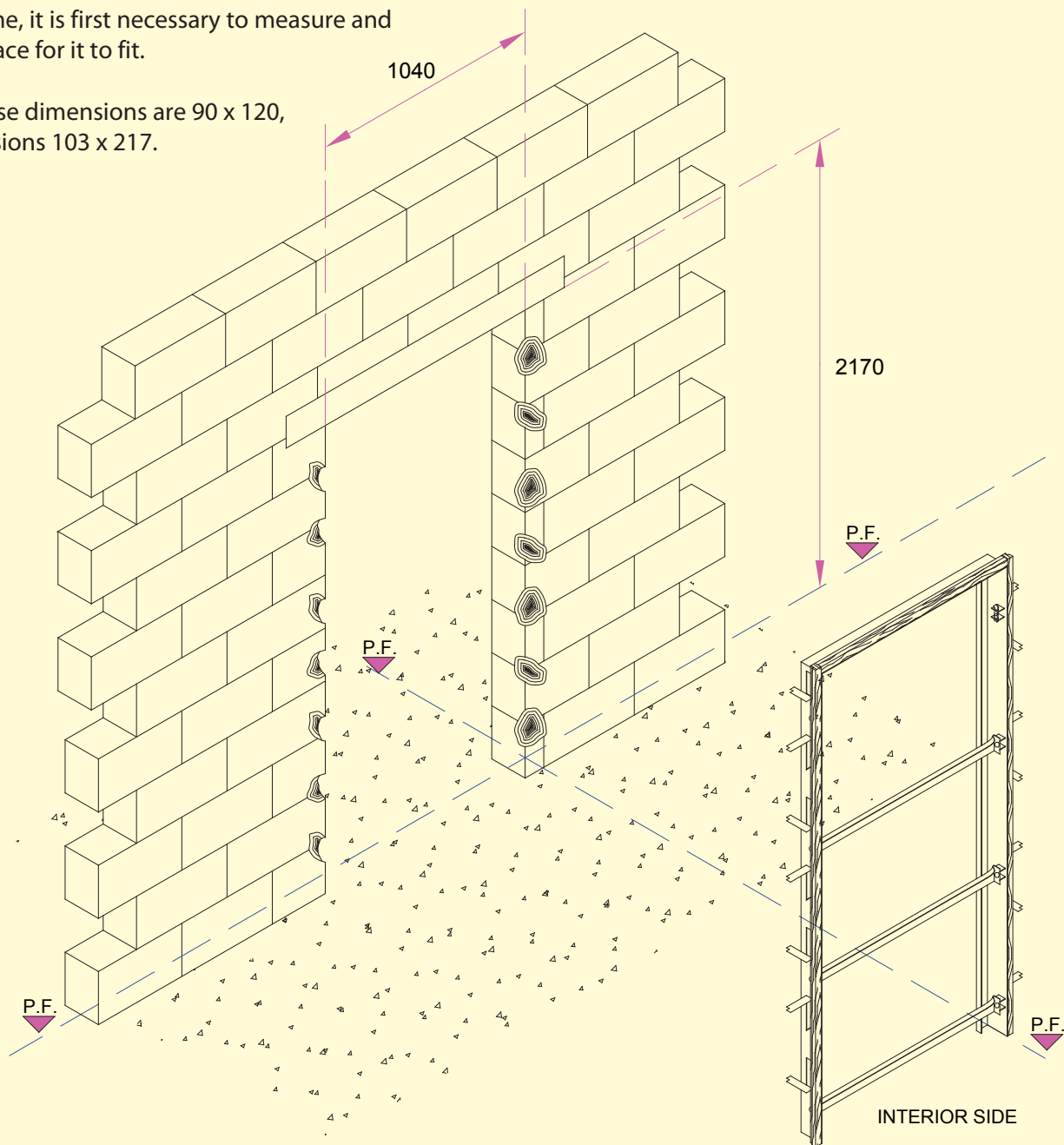
In order to mount the door frame, it is first necessary to measure and be sure that there is enough space for it to fit.

Example:
in order to fit a door frame whose dimensions are 90 x 120,
the bare wall must have dimensions 103 x 217.

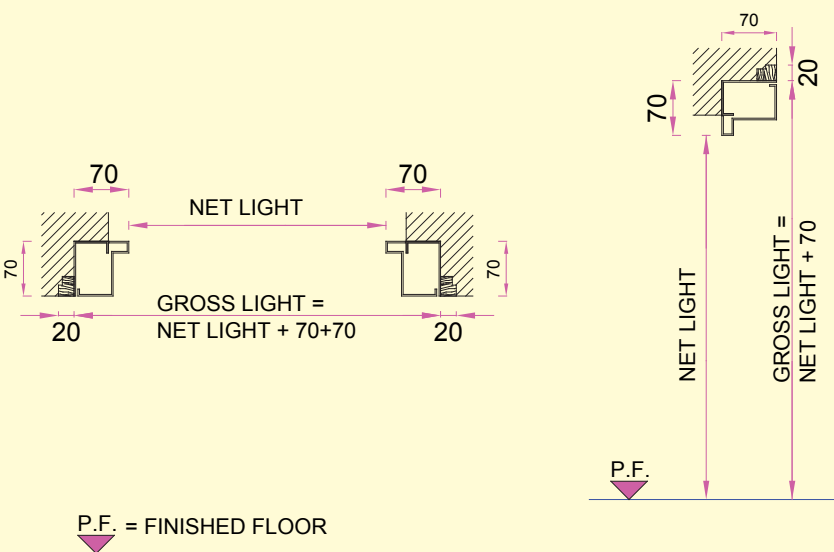
All clamps must be opened,
then the door frame can be moved closer to the wall. The
points of insertion must then be marked before the cementing
can begin.

- Attention:
- Position the door frame on the Finished Floor (pavement). Di-
sassemble the cementing rods (after 24 hours).
 - Do not throw away the galva-
nized U-brackets, they will serve to
anchor the frame.

Note: the door frame has 7 U-
brackets on each side, these are
more than enough. If, for some
reason, it is not possible to cem-
ent all U-brackets it is accep-
table to cement only 4 per side.
Attention: the first U-bracket on
the bottom must always be cem-
ented.



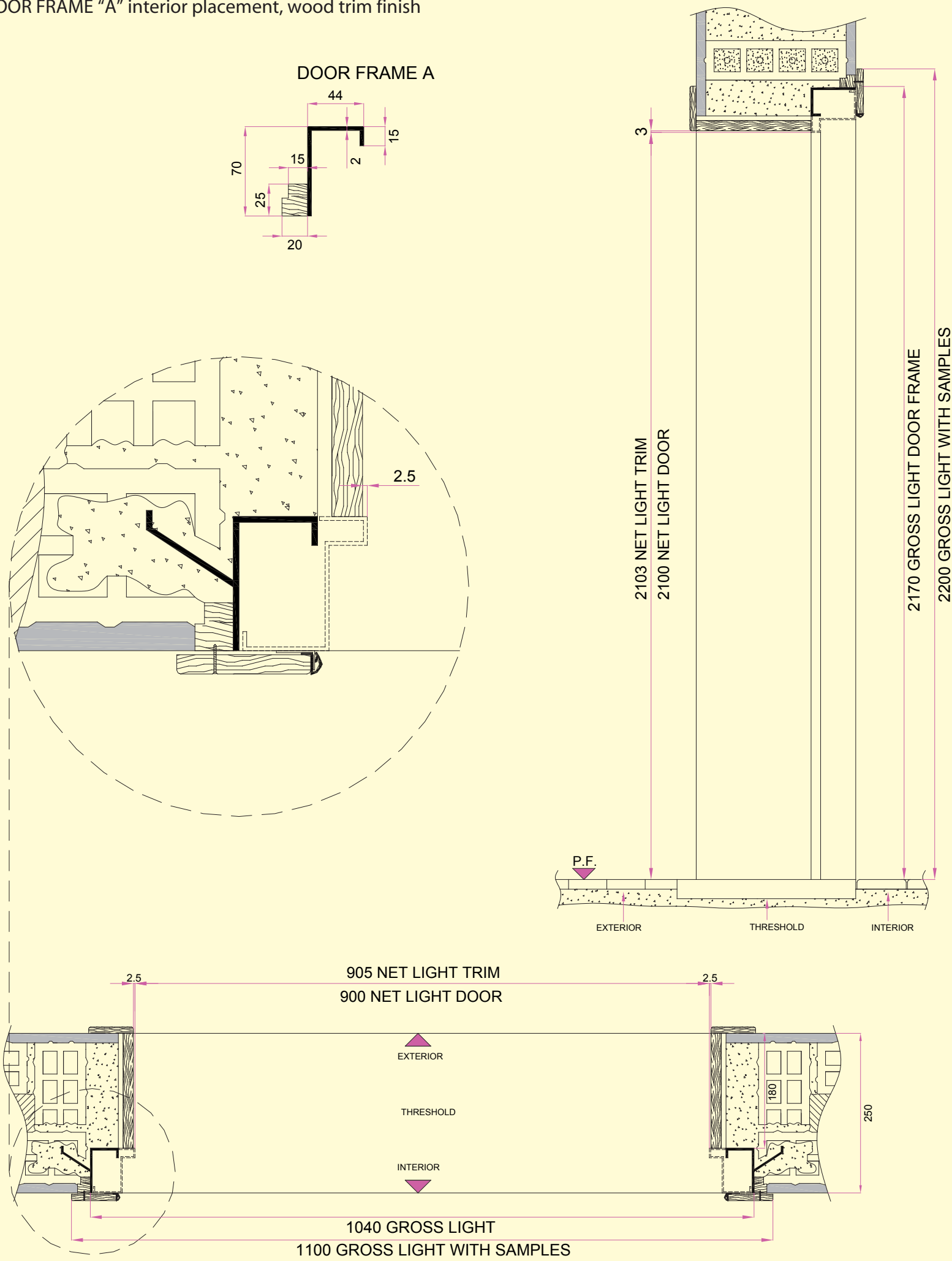
STANDARD MEASURMENTS FOR DOLMEN CS			
	WIDTH x HEIGHT	WIDTH x HEIGHT	WIDTH x HEIGHT
NET LIGHT	800 X 2100	850 X 2100	900 X 2100
GROSS LIGHT DOOR FRAME	940 X 2170	990 X 2170	1040 X 2170
GROSS LIGHT WITH SAMPLES*	1000 X 2170	1050 X 2170	1100 X 2200



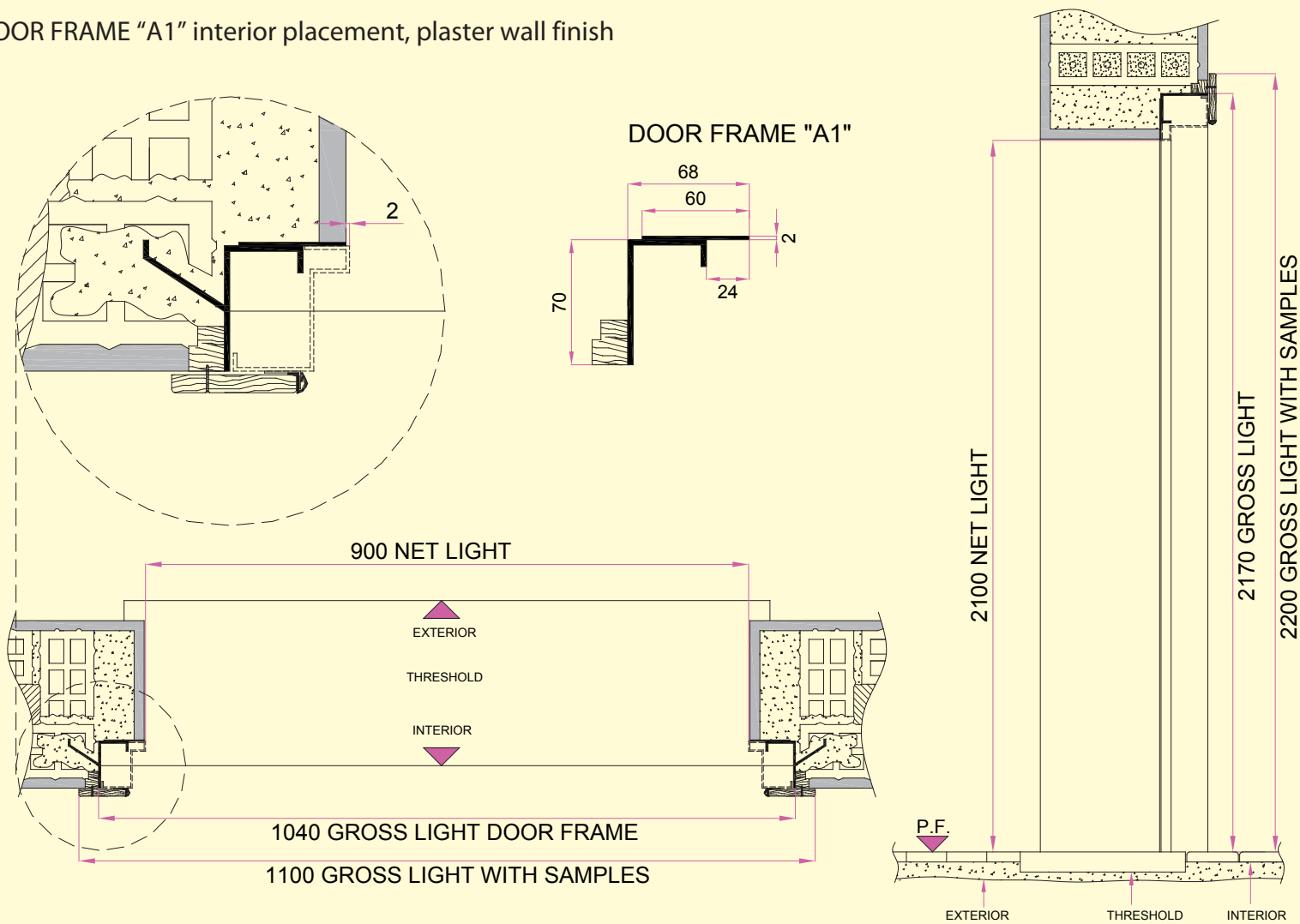
NOTE: *With 70 mm wide samples

Dolmen CS Model Armored Door

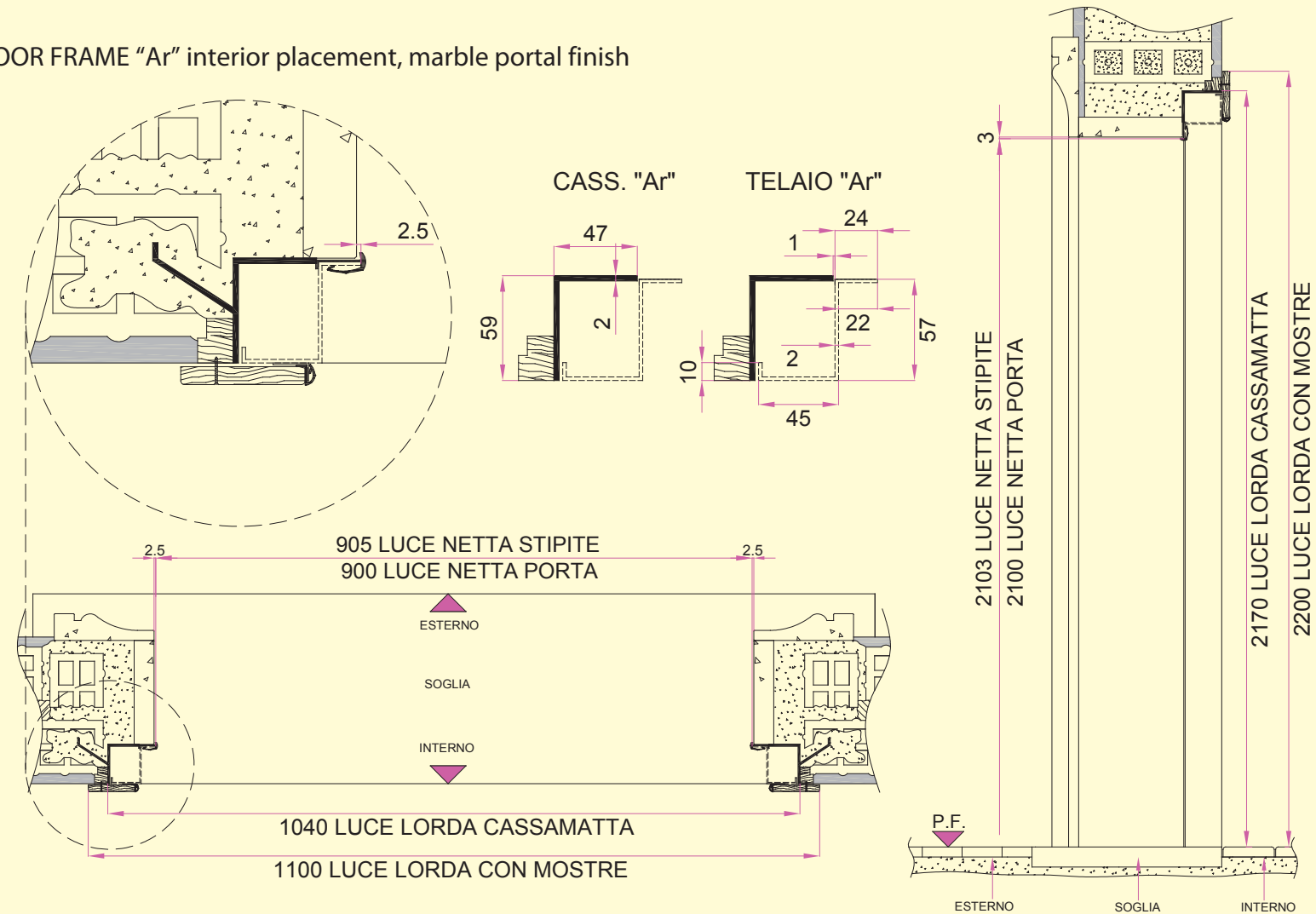
DOOR FRAME "A" interior placement, wood trim finish



DOOR FRAME "A1" interior placement, plaster wall finish

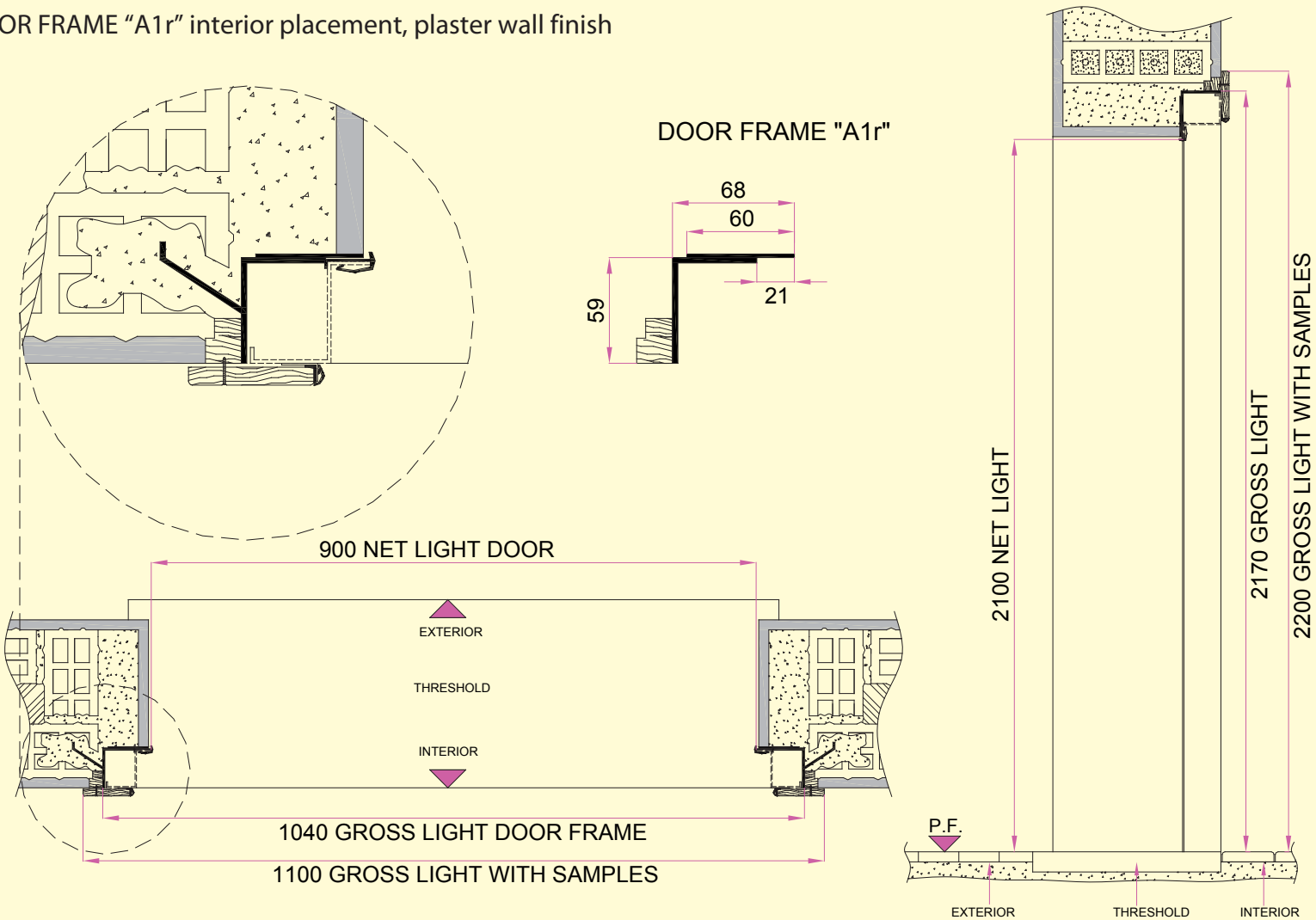


DOOR FRAME "Ar" interior placement, marble portal finish

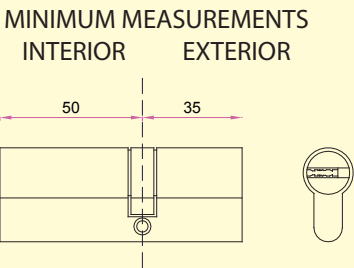


Dolmen CS Model Armored Door

DOOR FRAME "A1r" interior placement, plaster wall finish



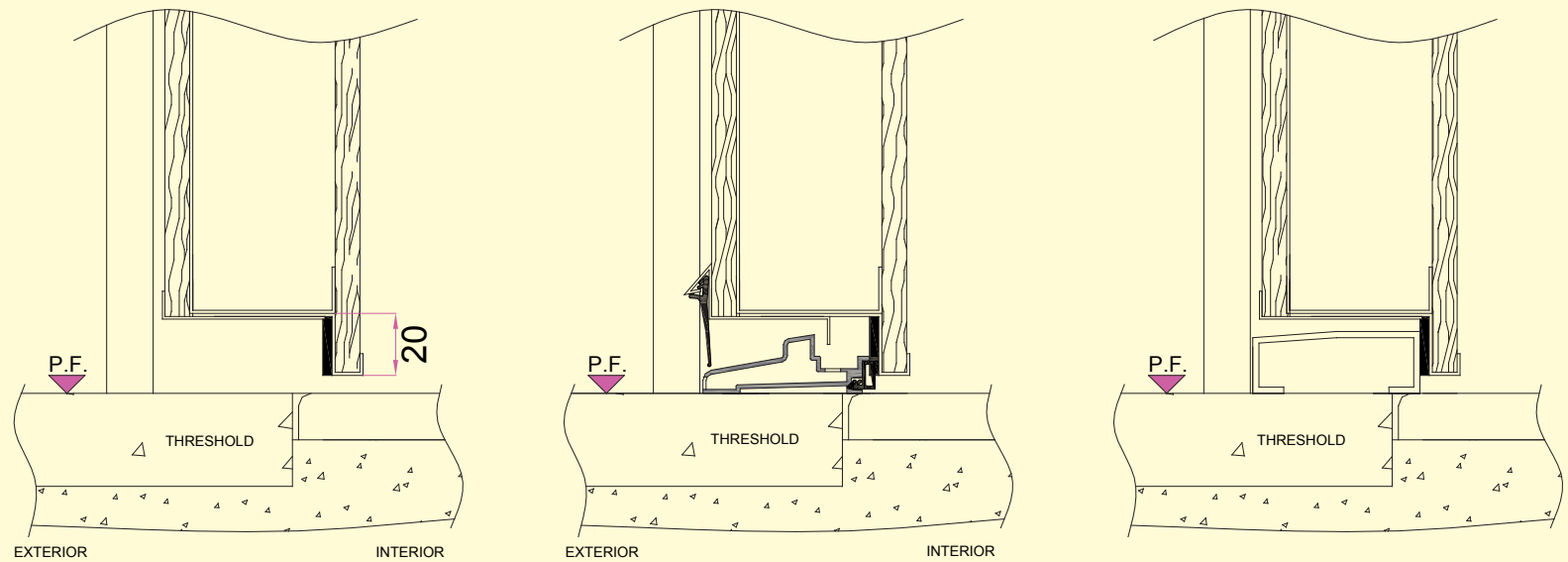
CYLINDER MEASURMENTS FOR EACH PANEL MODEL THICKNESS DOLMEN CS



INTERIOR	EXTERIOR
50 PANEL THICKNESS 7 mm	35 PANEL THICKNESS 7 - 12 mm
50 PANEL THICKNESS 7 mm	40 PANEL THICKNESS 13 - 15 mm (ex. pantographed)
50 PANEL THICKNESS 7 mm	50 PANEL THICKNESS 16 - 24 mm (ex. hardwood)

ATTENTION: OWNER'S KEYS MUST BE DELIVERED IN A SEALED ENVELOPE.

VISIBLE STOPPER 20 mm

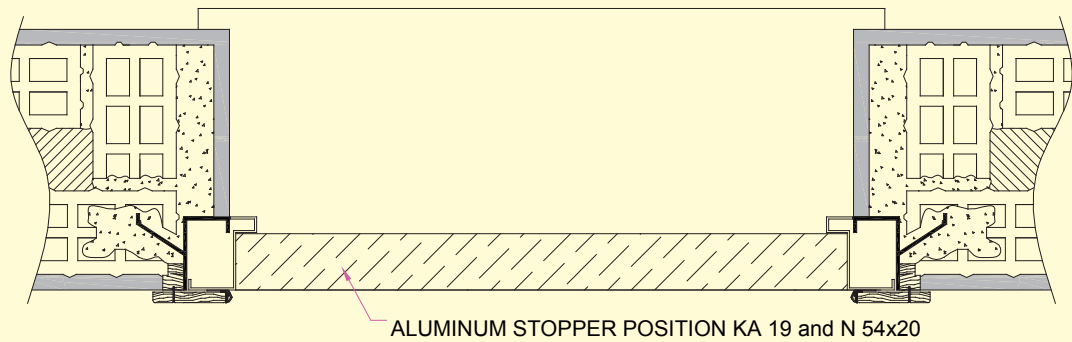


DOOR WITH ONLY VISIBLE STOPPER

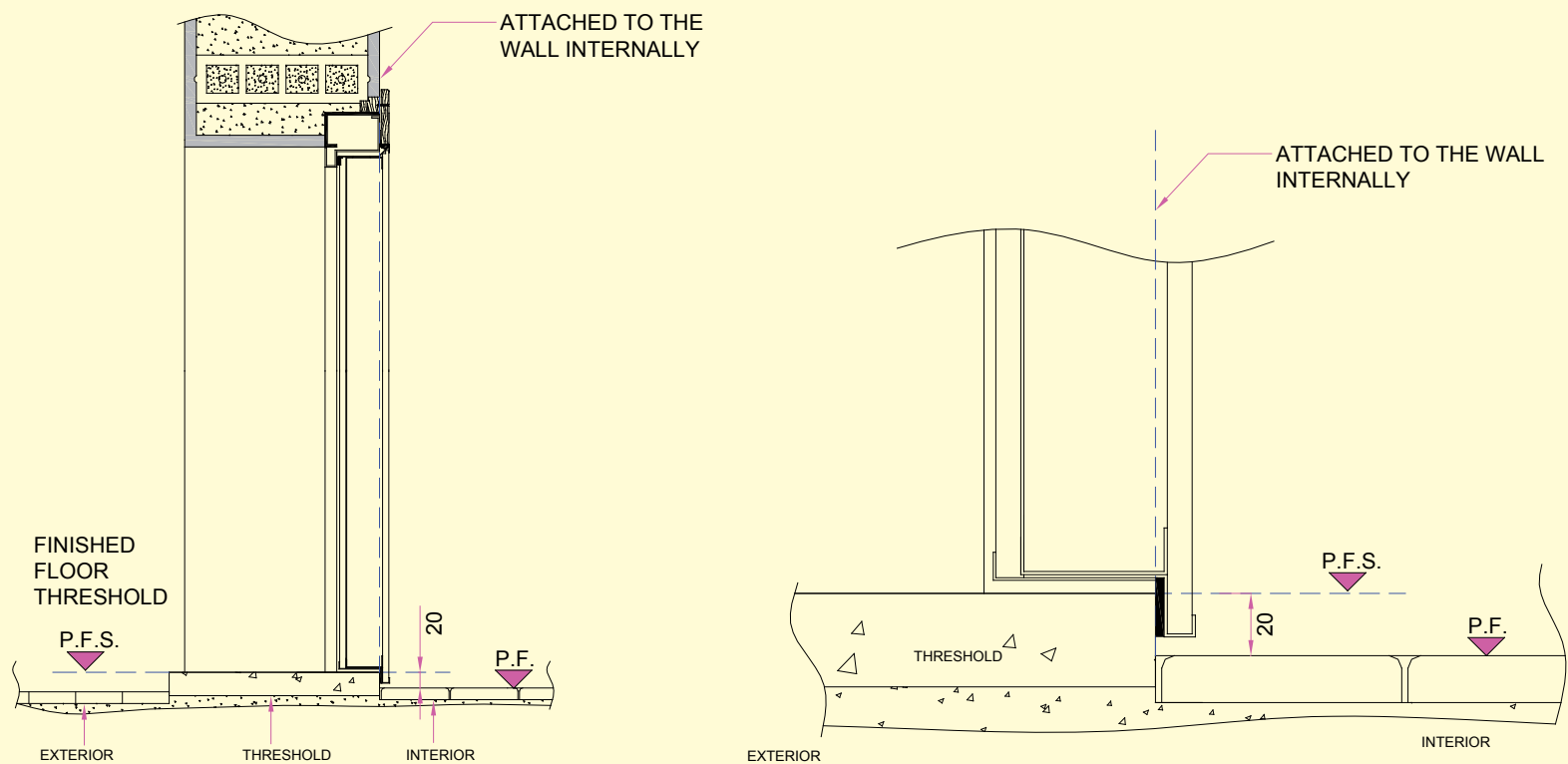
DOOR WITH VISIBLE STOPPER +
ALUMINUM STOPPER KA 19
(used for the water kit)

DOOR WITH VISIBLE STOPPER +
ALUMINUM STOPPER N 54x20
(no performance declared for water holding)

INSTRUCTIONS FOR MOUNTING THE ALUMINUM BAR STOPPER: position the aluminum bar stopper between the chassis uprights laying it on the stopper, mark the perimeter with a pencil. Remove the stopper, extend it on the pavement, in between the marks, place a layer of transparent acetic silicone. Lastly reposition the stopper in place, applying pressure in order to make it adhere to the pavement, secure with masking tape. Leave the tape for at least 6 hours. It is fundamental to put silicone also on the perimeter of the chassis, going back over by a centimeter or two over the chassis so as to assure a perfect seal.



NON VISIBLE STOPPER 20 mm



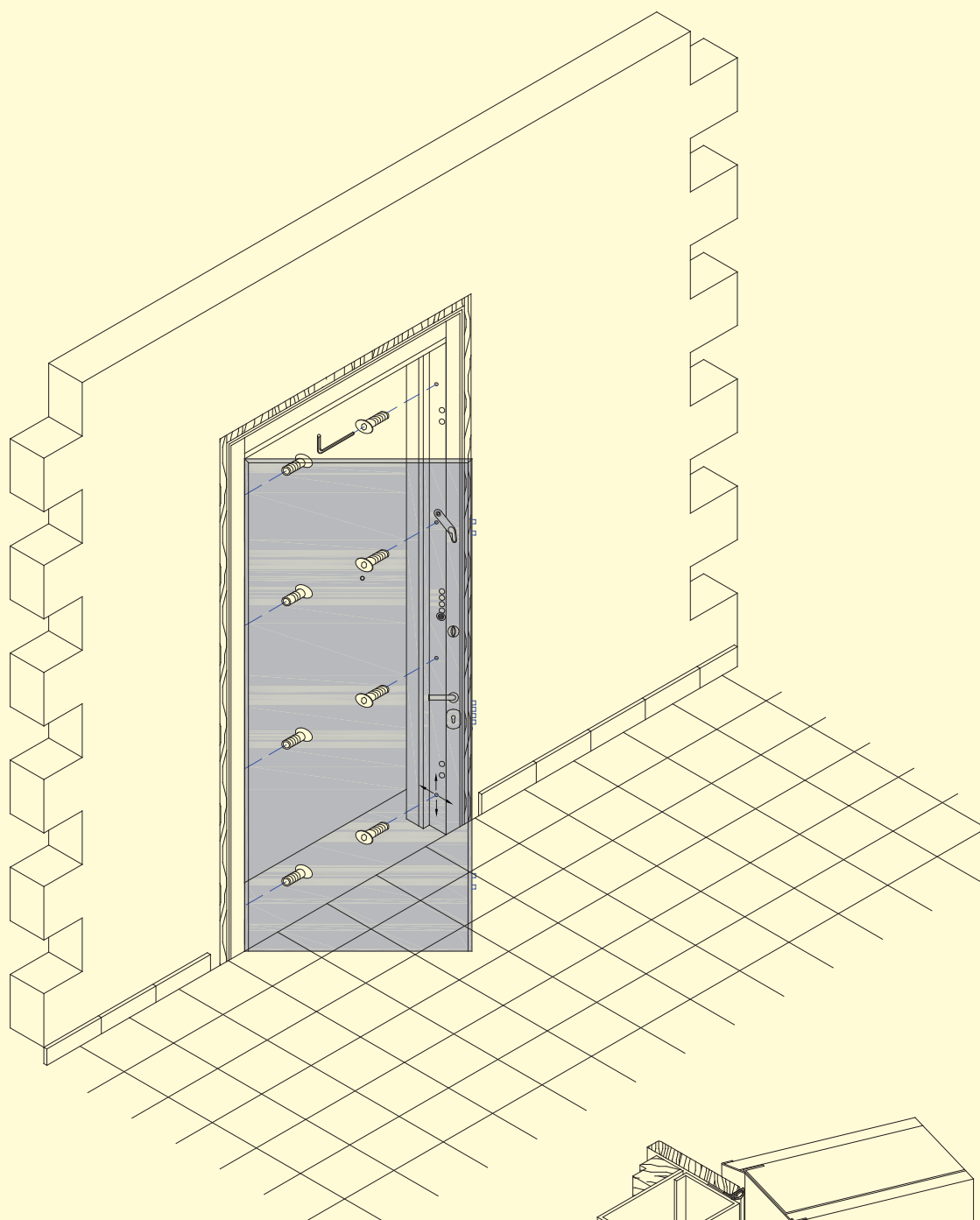
Dolmen CS Model Armored Door

DOOR MOUNTING

1

ANCHORING

Remove the rods after the cementing has finished, clean the door frame of any plaster residue. Recommended procedure: place the door and chassis assembled to the door frame, partially tighten the third screw from the bottom, on hinge side for safety reasons. Place the chassis in the door frame well taking care to put the frame flush with the inside with plaster and tighten all screws. Further procedure, at the discretion of the installer, remove the chassis from the door, before anchoring the chassis to the door frame. Place the rod hinge at 90° couple the door and frame by inserting the two rods at the same time up to the point of reference on the hinge and tighten the screw (drawing 4 point B).

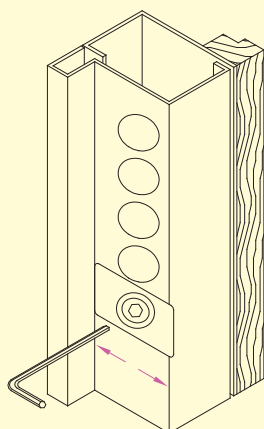


Hex key 5

2

SPRING LATCH

loosen the spring latch inward. Make all adjustments position 3/4/5, to finally position the latch so that the door does not move.

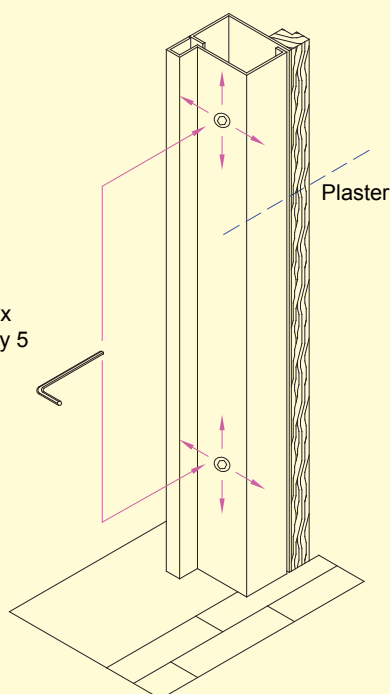


3

UNIFORMITY

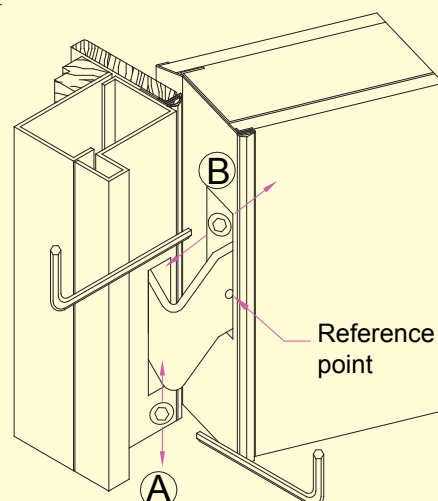
in order for the door to close properly it is necessary to regulate the anchoring. Begin regulating preferably from the two hinges towards the bottom

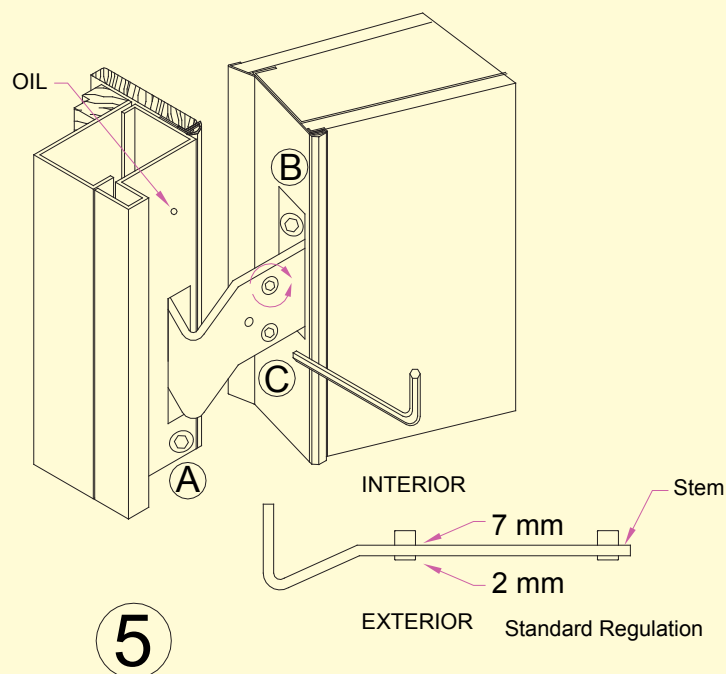
Hex Key 5



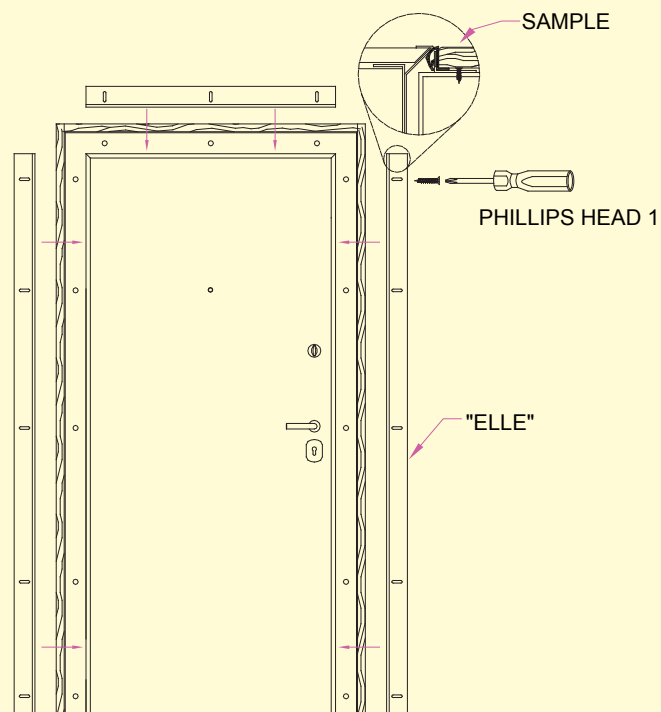
4

A VERTICAL REGISTRATION tightening the screw clockwise the door is raised, turning counter clockwise the door is lowered.
B HORIZONTAL REGISTRATION loosening the screw unlocks the rod inside the seat of the door and you can perform the registration more or less to the point of reference which is located on the hinge. Remove the door from its hinges if necessary.

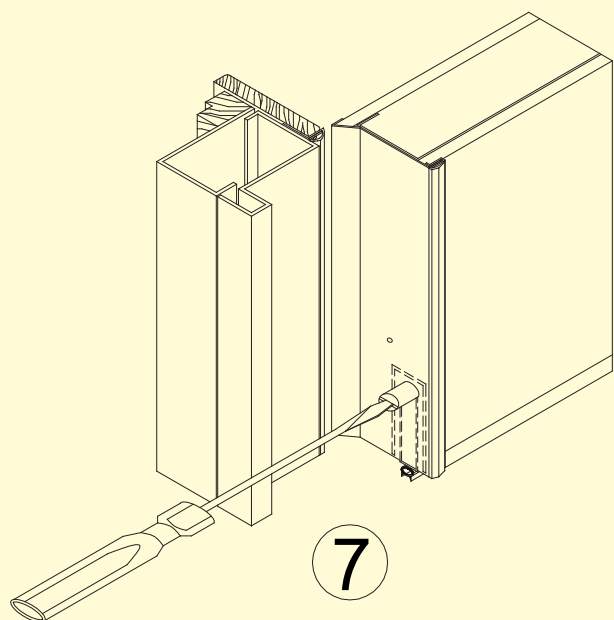




HINGE FLATNESS if it bounces against the door, then we have to adjust the hinge flatness. C Open the door with an angle exceeding 90 °, place a spacer of 5-6 mm at the tip of the door, loosen screw B, pull the stem up to uncover the coupled screws. Turn clockwise to move the door upward (this way the door will not rebound and close). Turning counter clockwise moves the door inward. When finish adjusting, it is important that the screws are adjusted equally, otherwise the stem of the hinge will not remain in place.

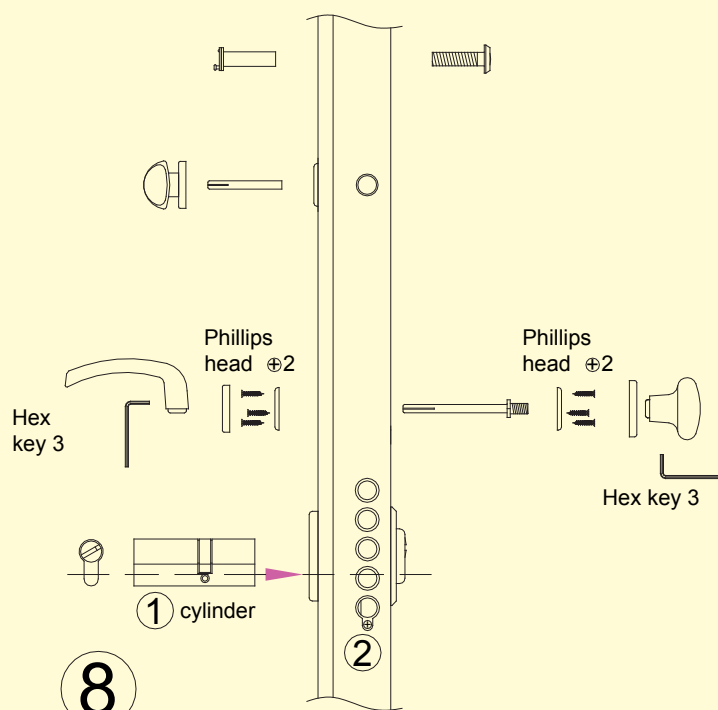


SEAL MOUNTING AND ADJUSTMENT The inner side seals complete the support element "ELLE", only on the GIOVE model. It is important to proceed to the adjustment step only after all previous adjustment steps have been completed (through step 5). Then place the seals on the braghettone on the inside until you make uniform contact. Finally, tighten the screws and mount exhibitions.



DRAFT EXCLUDER

once the armored door has been adjusted, install the self-leveling draft excluder. Turning clockwise decreases the stroke and drops less, turning counter clockwise increases the stroke and drops more. Adjust the draft excluder so that it drops at the last moment in order to prevent smears on the floor. Beware if the installation is done on a parquet floor still to be painted, leave the draft excluder up so as to avoid sticking.



MOUNTING ACCESSORIES

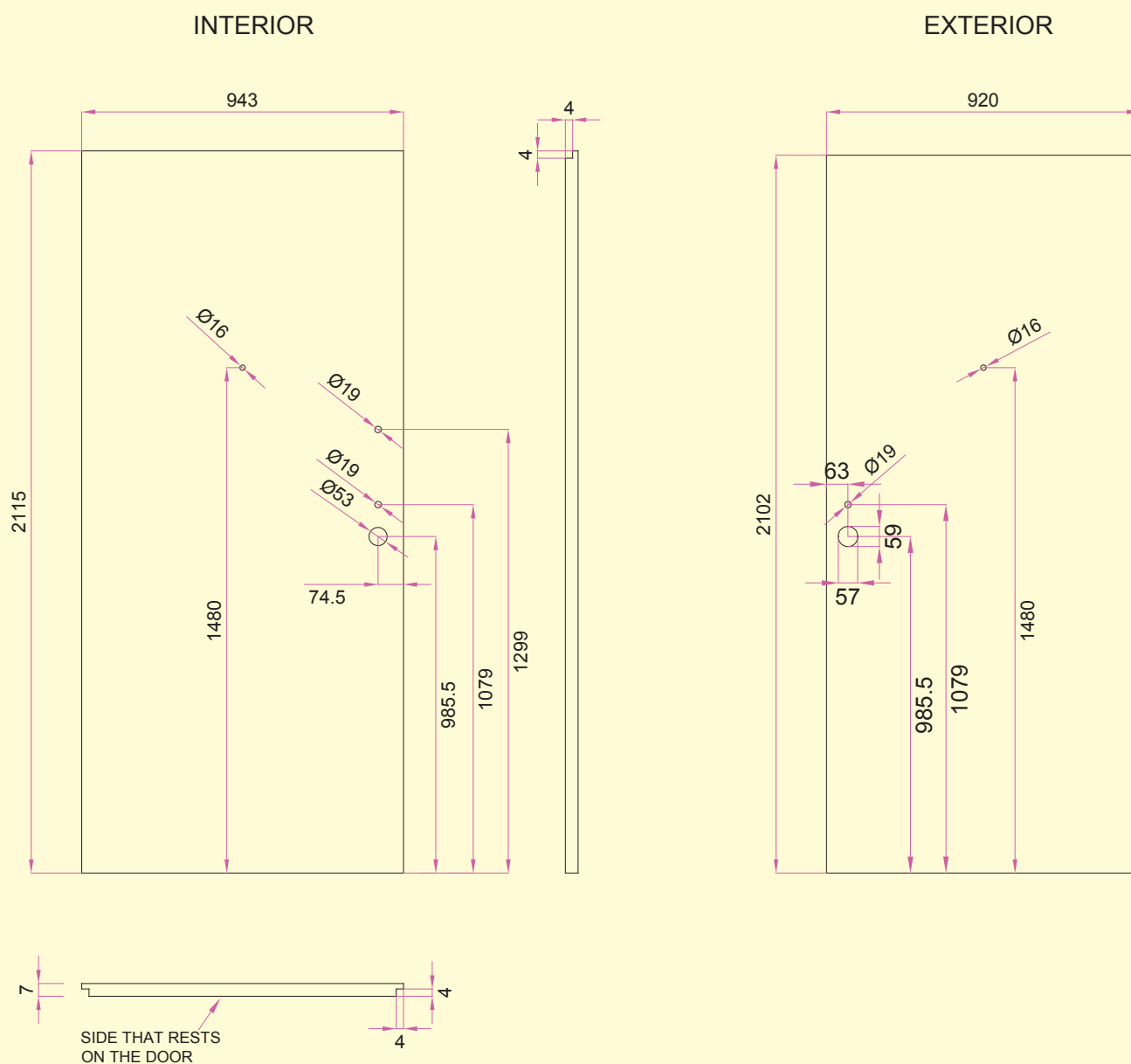
In the box set you will find everything you will need. perform the mounting as shown in the picture. The holes are already made. Recommendations: when mounting the handle, lay it down on the panel well applying pressure and then tighten the hex key

CYLINDER MOUNTING

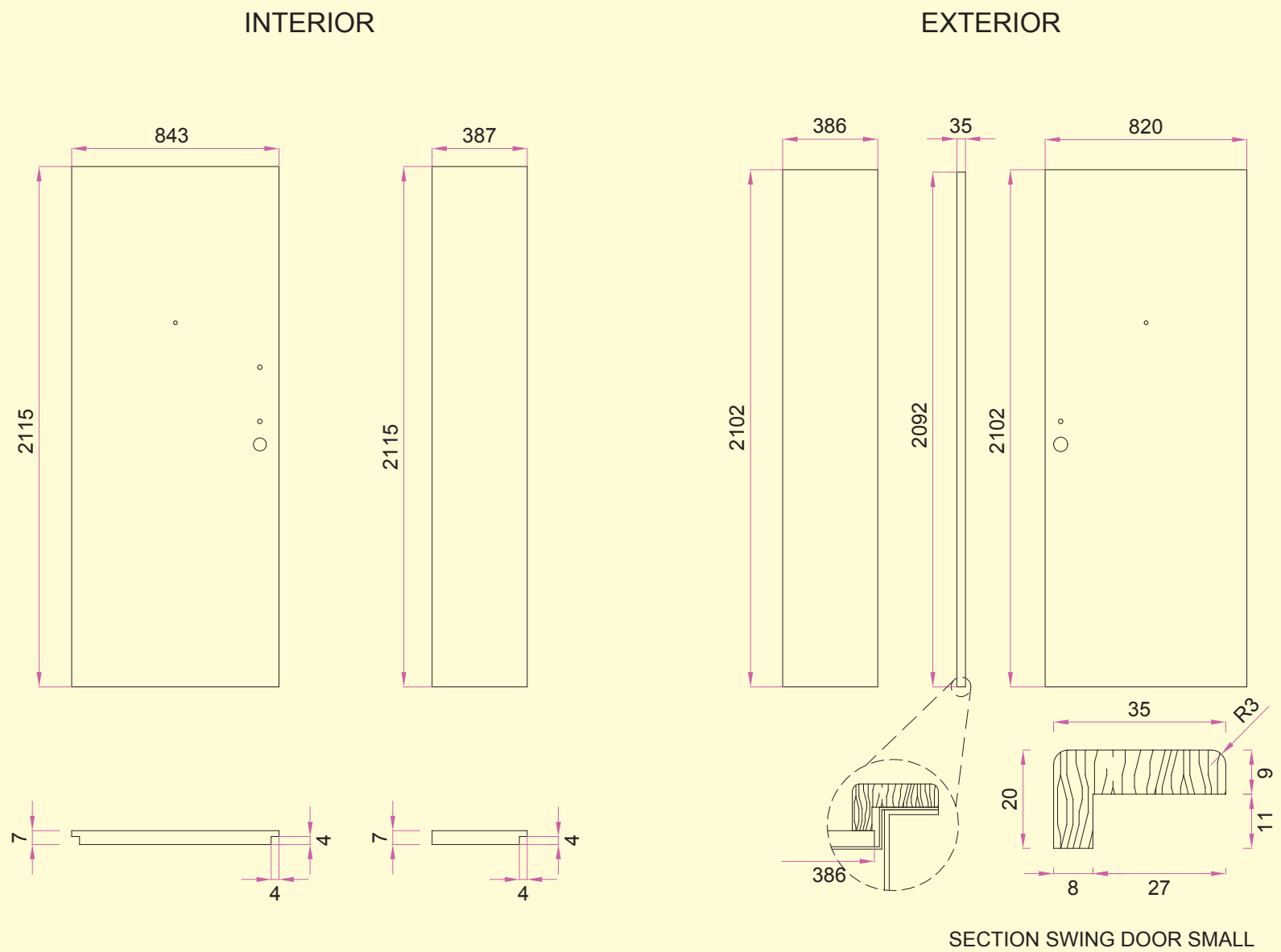
- ① insert cylinder from the interior side
- ② turn the front screw making sure that the cylinder is in the working position.

Dolmen CS Model Armored Door

SMOOTH COVERINGS THICKNESS 7 mm FOR ONE LEAF DOOR 90x210 RIGHT



Internal panel	width	light passage + 43	$900 + 43 = 943$
	height	light passage + 15	$2100 + 15 = 2115$
External panel	width	light passage + 20	$900 + 20 = 920$
	height	light passage + 2	$2100 + 2 = 2102$



Internal panel	openable leaf	width	light passage + 43	$800 + 43 = 843$
	openable leaf	height	luce passaggio + 15	$2100 + 15 = 2115$
	fixed leaf	width	light passage - 800 - 13	$1200 - 800 - 13 = 387$
	fixed leaf	height	light passage + 15	$2100 + 15 = 2115$
External panel	openable leaf	width	light passage + 20	$800 + 20 = 820$
	openable leaf	height	light passage+ 2	$2100 + 2 = 2102$
	fixed leaf	width	light passage - 800 - 14	$1200 - 800 - 14 = 386$
	fixed leaf	height	light passage + 2	$2100 + 2 = 2102$
Small leaf stopper		height	light passage - 8	$2100 - 8 = 2092$



"Camel Residence Center", Montesilvano.



"Mediterranea Life" headquarters, Pescara.

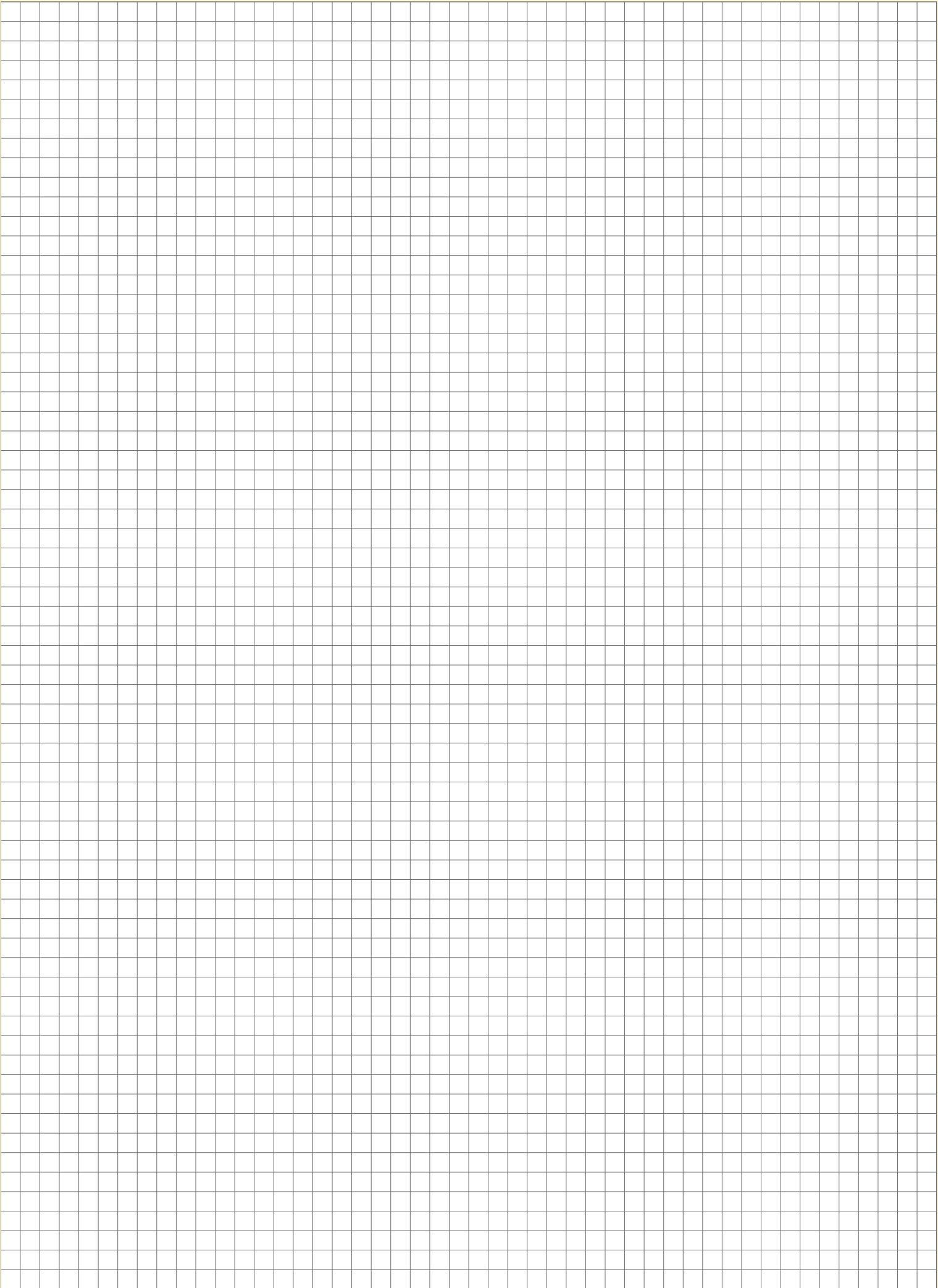


"Mediterranean Village", Chieti.



"S.D.O. Tiburtino" residential complex, Roma

[illegible]





P O R T E B L I N D A T E

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