



UDP 25

■ Product Data Sheet

Applications	Windtight, thermally insulating and noise reducing, vapour permeable exterior panelling for roofs and walls and additionally on-rafter insulating board
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AGEPAN® UDP 25 is the ideal wood based material for construction and renovation. Lightweight with tongue and groove edges on all sides, it is quick and easy to use and provides effective noise reduction due to its absorbent fibre structure. It is draftproof and water-repellent, rainproof with roof pitches 15° and steeper, and can be used as temporary roofing for up to four weeks depending on weather conditions. The high environmental standard of this wood fibre insulating board made using the dry process is documented by the natureplus® quality mark and the CE mark. AGEPAN® UDP 25 is yet another high-quality branded product from our "Building by Design" programme.



Highlights

- Robust
- Easy to use and handle
- Manufactured in compliance with EN 13171
- Nominal thermal conductivity: 0.051 W/(m*K)
- Thoroughly hydrophobated by paraffin treatment and water repellent bonding (hydrophobation group H10) for minimal moisture absorption
- Water vapour permeable: $s_d \leq 0.2$ m, therefore suitable for use with solid structural timber (KVH) to comply with German hazard class 0
- Draftproof
- Noise reducing
- No unpleasant odours caused by bitumen
- Low risk of damaging tongue and groove profiles during use
- Stackable without problem
- Easy to install thanks to tongue and groove edges and low weight
- Highly recommended from the standpoint of building biology

For recommendations on use, please see www.agepan-udp.de and www.sonae.glunz.de

■ Technical Data

Property	Test standard	
Nominal Thickness (mm)	EN 823	25
Thickness tolerance (mm)	EN 823	+1/-1
Raw density (kg/m ³)	EN 1602	270
Raw density tolerance (kg/m ³)	EN 1602	± 30
Nominal thermal conductivity (W/(m*K))	EN 13171	0,051
Water vapour diffusion resistance factor (μ)	EN 12086	5
Heat storage capacity (J/kgK)	DIN 4108-4	2100
Hydrophobation group	EN 1609	H 10
Euroclass	EN 13501-1	E
Material class	DIN 4102-4	B2: normal flammability
Bonding	Bonded w/o formaldehyde with PUR resins	
Length and width tolerance (mm/m)	EN 822	± 2
Squareness (mm/m)	EN 824	± 2
Tear and tensile strength \perp perpendicular to boards (kPa)	EN 1607	20
Compression strength group	EN 826	P 300

■ Delivery Programme

Property	Unit	Thickness 25 mm
Format (full size)	mm	2510 x 600 (T+G)
Format (net size w/o tongues and grooves)	mm	2500 x 590 (T+G)
Net coverage per board	m ²	1.725
Net coverage per pack	m ²	43.125
Approx. weight per m ²	kg/m ²	6.75
Approx. weight per board	kg	9.96
Approx. weight per pack	kg	248.90
Boards per pack		25