



AGEPAN[®] DWD 600
WITH HIGHER RAW DENSITY

AGEPAN® DWD 600

The AGEPAN® DWD 600 is a vapour-permeable MDF. RWH according to DIN EN 622-5, can be used according to DIN EN 14964 as sarking board or rather as cladding board in roof and wall. Our AGEPAN® DWD 600 is ideal for the use as planking in ventilated curtain facades as well suitable as a second water carrying layer.

ADVANTAGES

- Vapour-permeable, windtight and rain-proof
- Solid sheathing
- Available with blunt edges or with tongue and groove profile
- Higher raw density ($\geq 600 \text{ kg/m}^3$)
- Harmless to health and environment because of its formaldehyde-free glueing
- Optimum indoor climate due to moisture-regulating properties
- High quality confirmed by regular external monitoring
- Made in Germany

AREAS OF APPLICATION

- Planking in ventilated curtain facades
- Stable cladding panel and second carrying layer
- Suitable for fire protection constructions according to DIN 4102-4 (raw density $\geq 600 \text{ kg/m}^3$)

TECHNICAL DATA

PROPERTY	UNIT	VALUE	
Standard / Approval certificate		DIN EN 622-5 / EN 13986	
Nominal thickness	mm	16	
Calculated dimension	mm	2515 x 640	3000 x 1247
Coverage	mm	2500 x 625	3000 x 1247
Edge design		T+G	Butt-edged
Bulk density	kg / m ²	≥ 600	
Thermal conductivity λ	W / (m*K)	0,10	
Water vapour diffusion resistance factor μ		12	
Water vapour diffusion equivalent air layer thickness s_d	m	0,19	
Formaldehyde emission class		E1 – formaldehyde-free glued	
Fire behaviour acc. to DIN EN 13501-1		D-s2, d0	
Building material class acc. to DIN 4102		B2	
Moisture content upon delivery	%	9 \pm 4	
Change in length per 1% change in moisture content	%	0,035	
Max. rafter spacing	m	1,00	

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