



AGEPAN® DWD 600

- + Density $\geq 600 \text{ kg/m}^3$ – suitable for fire protection constructions according to DIN 4102-4
- + Stable tongue-and-groove profile – quick and secure installation
- + Emergency roof function – flexibility in the construction process thanks to temporary roof function for up to 8 weeks
- + UDP-A sarking board – second water-draining layer, vapour-permeable, windproof, and rainproof
- + Ecological, environmentally friendly and recyclable

AGEPAN® DWD 600

Technical Data

Property	Unit	Value
Standard		DIN EN 622-5 / DIN EN 13986
Technical standard		MDF.RWH
Raw density ρ	kg/m ³	≥ 600
Nominal thickness	mm	16
Thermal conductivity λ	W/mK	0,1
Water vapour diffusion resistance factor μ		12
Water vapour diffusion equivalent air layer thickness s_d	m	0,19
Bending strength	N/mm ²	14
Modulus of elasticity	N/mm ²	1600
Internal bond	N/mm ²	0,35
Swelling in thickness	%	≤ 8,5
Internal bond after boil test	N/mm ²	0,06
Specific thermal capacity	J/kgK	1700
Maximum application temperature	°C	110
Formaldehyde emission class		E1*, NAF (<0,03 ppm)
Fire behavior Euroclass according to DIN EN 13501-1		D-s2, d0
Moisture content upon delivery	%	9 ± 4
Max. rafter spacing	m	1,00
Permissible axial dimension according to ÖNORM B 4119:2018-03	m	≤ 1,00
Outdoor exposure		up to 8 weeks
Disposal		Waste wood category A2; waste code numbers (AVV): 030105, 170210

* Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)
NAF = No-Added Formaldehyde

Tolerances according to DIN EN 324

Property	Unit	Value
Thickness	mm	± 0,2 mm
Length and width	mm/m	± 2
Edge straightness	mm/m	1,5
Squareness	mm/m	2

Application areas

Roof/Ceiling



AGEPAN® DWD 600 with tongue and groove edge can be used as under-roof panel type IL in accordance with EN 14964

Rainproof additional measures of class 3 for roof pitches > 14° acc. to the ZVDH „leaflet under-roof, underlayment and under-roof sheets“; UDP-A

Wall



Joint load-bearing cladding of in-plane loaded wall panels for the stabilisation of bar-shaped ribs at risk of buckling or tilting according to German general construction technique permit (aBG) Z-9.1.-382

Stable sarking board as a second water-repellent layer and windproof layer for rear-ventilated exterior wall cladding and roof cladding in accordance with DIN 68 800-2



CO₂ storage



Healthy living



Meets the requirements according to the German Chemicals Prohibition Ordinance



Formaldehyde-free glued



Weather resistant



Produced in Germany



Use products that are certified accordingly:
PEFC-certified products can be delivered on demand and within availabilities. Please specify when ordering.



Your AGEPAN® partner

Technical Datasheet, May 2025

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