



# AGEPAN® DWD black

- + Uniform black coloration – no additional facade membrane required
- + Abrasion-resistant, good adhesion of adhesive tapes – saves primer and time
- + Compression-resistant – resistant to damage
- + Density  $\geq 600 \text{ kg/m}^3$  – suitable for fire protection constructions according to DIN 4102-4
- + Stable tongue-and-groove profile – fast and secure installation

# AGEPAN® DWD black

## Technical Data


Property	Unit	Value
Standard		DIN EN 622-5 / DIN EN 13986
Technical standard		MDF.RWH
Raw density $\rho$	kg/m <sup>3</sup>	≥ 600
Nominal thickness	mm	16
Thermal conductivity $\lambda$	W/mK	0,1
Water vapour diffusion resistance factor $\mu$		12
Water vapour diffusion equivalent air layer thickness $s_d$	m	0,19
Bending strength	N/mm <sup>2</sup>	14
Modulus of elasticity	N/mm <sup>2</sup>	1600
Internal bond	N/mm <sup>2</sup>	0,35
Swelling in thickness	%	≤ 8,5
Internal bond after boil test	N/mm <sup>2</sup>	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. centre distance of studs	cm	83,5
Outdoor exposure		up to 6 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

Wall	Stable underlay board as a second water-repelling layer and windproof layer for external wall cladding with a defined proportion of open joints in accordance with DIN 68 800-2
	Sarking board type IL in accordance with EN 14964



CO<sub>2</sub> 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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