

+ Ecological, environmentally friendly and recyclable

+ Made in Germany

+ UV stable

## AGEPAN<sup>®</sup> DWD black

ECOLOGICAL WOOD FIBRE BOARD WITH OUTSTANDING VISUAL APPEAL

- + Attractive appearance due to consistent black colour throughout
- + Suitable for diffusion-open constructions without the need for additional facade membranes
- + Stable tongue-and-groove profile – quick installation
- + Resistant to abrasion with good tape adhesion – saves primer and time
- + Strong and durable – making it resistant to damage
- + Economical – easy to work with, safe to handle
- + Hydrophobic throughout
- + Formaldehyde-free glued
- + Quality controlled

# AGEPAN® SYSTEM

## AGEPAN® DWD black

This black-coloured\* wood fiberboard, type MDF.RWH according to DIN EN 622-5, for ventilated curtain façades with horizontal rhomboid claddings.

### APPLICATION AREAS

- Ventilated exterior wall cladding with defined open joint proportion according to DIN 68 800-2

Suitable for fire protection constructions according to DIN 4102-4 (bulk density  $\geq 600 \text{ kg/m}^3$ )

The expert statement from Fraunhofer WKI Braunschweig / Germany is available upon request.

PROPERTY	UNIT	VALUE
Standard		DIN EN 622-5 / DIN EN 13986
Nominal thickness	mm	16
Calculated dimension	mm	2515 x 640
Coverage	mm	2500 x 625
Edge design		N+F
Bulk density	kg / m <sup>3</sup>	$\geq 600$
Thermal conductivity $\lambda$	W / (m*K)	0,10
Water vapour diffusion resistance factor $\mu$		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	0,835

\* There may be slight color variations between different production batches

\*\* Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)

FUNKTIONSHOLZ®



ECOBOARD 



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



Pressure resistant & stable

Quality made in Germany

Environmentally friendly

A one-stop solution

Easy to work with

For healthy living

Weather resistant

Fire protection

Your AGEPAN® SYSTEM partner

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**SONAE ARAUCO**

Taking wood further