



## AGEPAN<sup>®</sup> DWD black

THE BLACK ONE

## AGEPAN® DWD black

The AGEPAN® DWD black is a vapour-permeable MDF. RWH according to EN 622-5, can be used according to DIN EN 14964. Our AGEPAN® DWD black is ideal for use in open facades. Whether for rhomboid cladding or other modern facade solutions, this is the optimal substructure. A facade membrane is not required.

### ADVANTAGES

- Perfect for use in open facades
- UV and moisture-resistant, according to test report
- Excellent appearance due to the uniform black dyeing
- Harmless to health and environment because of its formaldehyde-free glueing
- High quality confirmed by regular external monitoring
- Optimum indoor climate due to moisture-regulating properties
- Made in Germany

### AREAS OF APPLICATION

- Rear-ventilated facade with open strip lining (rhomboid cladding)
- Stable cladding panel and second water-repellent 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 <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-s1,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. center distance	m	1,00	

### FUNKTIONSHILFEN®



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