



**AGEPAN<sup>®</sup> DWD 600**  
WITH HIGHER RAW DENSITY

## AGEPAN® DWD 600

### ADVANTAGES

- Vapour-permeable, windtight and rain-proof
- Solid sheathing
- Available with blunt edges or with tongue and groove profile
- Raw density  $\geq 600 \text{ kg/m}^3$
- Formaldehyde free-glued
- Optimum indoor climate due to moisture-regulating properties
- High quality confirmed by regular external monitoring

### AREAS OF APPLICATION

- Ventilated roof and wall constructions
- Stable sarking board and second water carrying layer
- Suitable for fire protection constructions according to DIN 4102-4 (raw density  $\geq 600 \text{ kg/m}^3$ )
- MDF.RWH fibreboard according to DIN EN 622-5
- 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
- AGEPAN® DWD 600 with T+G as sarking board according to EN 14964 type IL and UDP-A classified according to ZVDH (Central Federation of German Roofing Contractors)

### TECHNICAL DATA

PROPERTY	UNIT	VALUE		
Standard		DIN EN 622-5 / EN 13986		
Nominal thickness	mm	16		
Calculated dimension	mm	2515 x 640	2515 x 1015*	3000 x 1247
Coverage	mm	2500 x 625	2515 x 1000*	3000 x 1247
Edge design		T+G	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-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		

\* On request

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

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