



AGEPAN[®] OSB 3 ECOBOARD

THE LOAD-BEARING BOARD

AGEPAN® OSB 3 ECOBOARD

ADVANTAGES

- High strength and stability
- Suitable as an airtight layer or vapour barrier
- Non-detrimental to health – independent confirmation that it is safe to use with foodstuffs
- Abrasion-resistant, dirt and water-repellent Contiface surface
- Formaldehyde-free and moisture-proof glueing
- High quality confirmed by regular, external inspections
- Raw material exclusively from responsible forest and timber industry

AREAS OF APPLICATION

- OSB panel for load-bearing purposes in humid areas (utilization class 1 + 2)
- Wood-based panel type OSB/3 acc. to EN 300 or DIN EN 13986
- Floor construction
- Wall cladding
- Transport packaging

TECHNICAL DATA

PROPERTY	UNIT	VALUE
Standard		EN 300 bzw. DIN EN 13986
Bulk density	kg / m ³	≥ 600
Rated thermal conductivity λ _R	W / (m*K)	0,13
Water vapour diffusion resistance factor μ		150 / 200 (wet / dry)
Formaldehyde emission class		E1 – formaldehyde-free glued (< 0,03 ppm)
Fire classification		D-s2, d0
Thickness swelling in 24 h	%	15
Change in length per 1% change in moisture content	%	0,03

CHARACTERISTIC VALUES acc. to EN 12369-1

Property	Unit	Thickness (mm)	Bending f _m		Tension f _t		Compression f _c		Panel shear f _v	Panel shear f _r
			II or 0	I or 90	II or 0	I or 90	II or 0	I or 90		
Strength values	N / mm ²	6 – 10	18,0	9,0	9,9	7,2	15,9	12,9	6,8	1,0
		> 10 – 18	16,4	8,2	9,4	7,0	15,4	12,7		
		> 18 – 25	14,8	7,4	9,0	6,8	14,8	12,4		
Property	Unit	Thickness (mm)	Bending E _m		Tension E _t		Compression E _c		Panel shear G _v	Panel shear G _r
			II or 0	I or 90	II or 0	I or 90	II or 0	I or 90		
Stiffness values	N / mm ²	6 – 25	4.930	1.980	3.800	3.000	3.800	3.000	1.080	50

ECOBOARD



Promoting Sustainable Forest Management
www.pefc.org

Pressure resistant & stable	Quality made in Germany	Environmentally friendly	A one-stop solution	Easy to work with	For healthy living	Weather resistant	Sound insulation	Fire protection

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

Your AGEPAN® SYSTEM partner

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