

Technical data sheet

Gutex Thermowall Durio



Gutex Thermowall Durio is the special board in the ecological Durio façade insulation system for rendered and rainscreen wood façades.

Ingredients

- Untreated fir and spruce
- 4.0 % PUR resin
- 1.5 % paraffin

Disposal

- Waste code numbers as per AVV 030105, 170201

Bulk density ρ [kg/m ³]	~ 160
Nominal thermal conductivity λ_D [W/mK]	0.040
Vapour diffusion μ	4
Compressive stress/strength [kPa]	≥ 100
Tensile strength perpendicular to the surface [kPa]	≥ 10
Short-term water absorption [kg/m ²]	≤ 1
Air flow resistivity [kPa s/m ²]	≥ 100
Specific heat capacity [J/kgK]	2100
Maximum working temperature [°C]	110
Fire reaction Euro Class as per EN 13501-1	E
Product standard	EN 13171
Approval number	Z-33.47-660 Z-33.43-942 ETA-10/0287 ETA-10/0288
Board designation	WF-EN13171-T4-WS1,0-CS(10/Y)100-TR10-MU3-AF _r 100

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Joint type	Tongue and groove
Thickness [mm]	70
Length × width [mm × mm]	1800 × 600
Actual coverage: Length × width [mm × mm]	1780 × 580
Actual coverage: Square metres per board [m ²]	1.03
m ² /Piece(s)	1.08
Weight per board [kg]	12.10
Weight per m ² [kg]	11.20
Piece(s)/Pallet	32
Square metres per pallet [m ²]	34.56
Weight per pallet [kg]	380
Nominal thermal resistance R _D [m ² K/W]	1.75
sd value [m]	0.28



Product information

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Areas of use

- Special board in the Durio façade insulation system for rendered and rainscreen wood façades.

Advantages

- Part of the Gutex thermal insulation system approved by the building authorities
- Shockproof
- Improvement of sound insulation
- High dimensional accuracy for time-saving and simple installation
- Single-layer, homogeneous bulk density profile
- Optimum thermal insulation
- Outstanding heat storage capacity → good protection from heat in summer and cold in winter
- Moisture-regulating
- Vapour-permeable
- Wood as the sustainable raw material → recyclable
- Manufactured in the direct vicinity of Switzerland (Waldshut, Black Forest)
- Ecologically safe (natureplus® certified)