



# GUTEX Thermowall Durio

## TECHNICAL DATA SHEET



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 $\rho$ [kg/m <sup>3</sup> ]	~ 160
Nominal thermal conductivity $\lambda_D$ [W/mK]	0.040
Vapour diffusion $\mu$	4
Compressive stress/strength [kPa]	≥ 100
Tensile strength perpendicular to the surface [kPa]	≥ 10
Short-term water absorption [kg/m <sup>2</sup> ]	≤ 1
Air flow resistivity [kPa s/m <sup>2</sup> ]	≥ 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 <sub>r</sub> 100





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## Detailed information

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 <sup>2</sup> ]	1.03
m <sup>2</sup> /Piece(s)	1.08
Weight per board [kg]	12.10
Weight per m <sup>2</sup> [kg]	11.20
Piece(s)/Pallet	32
Square metres per pallet [m <sup>2</sup> ]	34.56
Weight per pallet [kg]	380
Nominal thermal resistance R <sub>D</sub> [m <sup>2</sup> K/W]	1.75
sd value [m]	0.28



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## PRODUCT INFORMATION

### 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)