

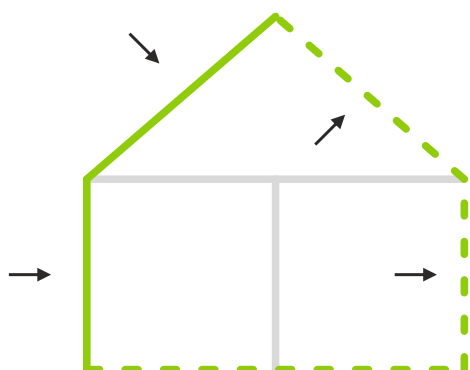


WOOD FIBER INSULATION BOARDS

MULTI



BELTERMO MULTI



Composition

- natural coniferous wood fibres;
- MDI resin on polyurethane basis (4%);
- paraffin emulsion (1,5%).

Description and application

Water-resistant board.

Recommended use: external insulation of roofs and outer walls.

Possible use: internal insulation of roofs, outer walls and floors.

Installation recommendations

- keep and install in dry conditions;
- cross joints are not allowed;
- install tightly without gaps (for the roof);
- walking on boards between rafters is not allowed;
- structural loads are not allowed (for ex snow load)

Technical data

Edge profile	Flat/tongue and groove/step						
Standard size [mm]*	1200x600, 1250x580, 1250x600						
Nominal thickness [mm]	50	60	80	100	120	140	160
Maximum length/Minimum length [mm]	2850/800						
Maximum width/Minimum width [mm]	750/580						
Bulk density [kg/m ³]	140						
Declared thermal conductivity, λ_D [W/m*K]	0,039						
Calculated thermal conductivity, λ [W/m*K]	0,042						
Declared thermal resistance, R_D [m ² k/W]	1,03	1,54	2,05	2,56	3,08	3,59	4,10
Calculated thermal resistance, R [m ² k/W]	0,95	1,43	1,90	2,38	2,86	3,33	3,81
Water vapor diffusion resistance factor, μ	3						
Sd value, S_d [m]	0,12	0,18	0,24	0,30	0,36	0,42	0,48
Compression strength [kPa]	70						
Tensile strength perpendicular to surface [kPa]	7,5						
Short-term water absorption [kg/m ²]	≤2,0						
Declared level of airflow resistance [(kPa*s)/m ³]	100						
Specific heat capacity, c [J/kg*K]	2100						
Fire class (according to EN 13501-1)	E						

* Others upon request.