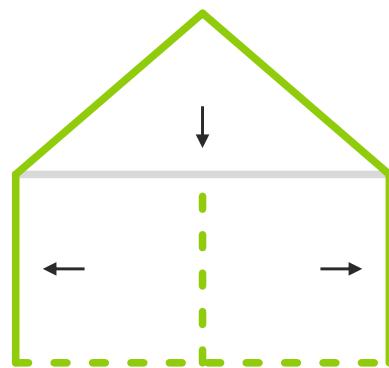




WOOD FIBER INSULATION BOARDS

INSTAL

BELTERMO INSTAL



Composition

- natural coniferous wood fibres;
- MDI resin on polyurethane basis (4%).

Description and application

Recommended use: internal insulation of outer walls and insulation of floor slabs.
Possible use: internal walls and floor insulation.

Installation recommendations

- keep and install in dry conditions;
- cross joints are not allowed.

Technical data

Edge profile	Flat/tongue and groove/step							
Standard size [mm]*	1200x600, 1250x580							
Nominal thickness [mm]	20	40	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]	150							
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]	0,51	1,03	1,54	2,05	2,56	3,08	3,59	4,10
Calculated thermal resistance, R [m ² k/W]	0,48	0,95	1,43	1,90	2,38	2,86	3,33	3,81
Water vapor diffusion resistance factor, μ	3							
Sd value, Sd [m]	0,06	0,12	0,18	0,24	0,30	0,36	0,42	0,48
Compression strength [kPa]	100							
Tensile strength perpendicular to surface [kPa]	7,5							
Short-term water absorption [kg/m ²]	-							
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.