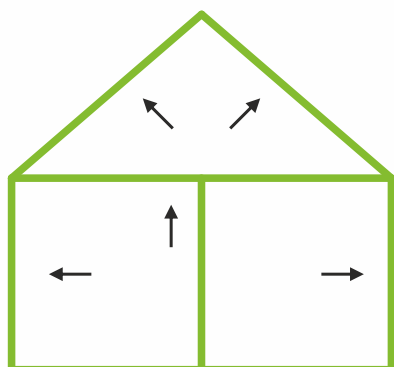


BELTERMO ROOM



BACKTOEARTH

Helping You Build With Confidence

Composition

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

Description and application

Recommended use: internal insulation of all types of constructions: roof, floor slabs, ceilings, outer walls and interior walls.

Installation recommendations

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

Technical data

Edge profile	Flat/step							
Standard size [mm]*	1200x600, 1250x580							
Nominal thickness [mm]	20	40	60	80	100	120	140	160
Maximum length/Minimum length [mm]	2850							
Maximum width/Minimum width [mm]	2850							
Bulk density [kg/m ³]	130							
Declared thermal conductivity, λ_D [W/m*K]	0,038							
Calculated thermal conductivity, λ [W/m*K]	0,040							
Declared thermal resistance, R_D [m ² k/W]	0,53	1,05	1,58	2,11	2,63	3,16	3,68	4,21
Calculated thermal resistance, R [m ² k/W]	0,50	1,00	1,50	2,00	2,50	3,00	3,50	4,00
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]	40							
Tensile strength perpendicular to surface [kPa]	7							
Short-term water absorption [kg/m ²]	-							
Declared level of airflow resistance [(kPa*s)/m ³]	50							
Specific heat capacity, c [J/kg*K]	2100							
Fire class (according to EN 13501-1)	E							