ISOBLOC 800

Technical specification

Classification temperature	°C	700
Binding material volatility	°C	> 150
Density	kg/m³	70 – 180
Binding material content	%	< 2
Quality	AGI Q136	hydrophobised
Thermal conductivity (DIN 52612) at 100 °C at a density of 120 kg/m³	W/mK	0.045
Fire protection behaviour (DIN 4102, Part 1; EN 1301-1)		non-combustible
Standard dimensions / Platte (in mm) (1)	Length Width Thickness	1000 600 | 625 30 | 40 | 50 | 60 | 80 | 100 | 120 | 140
Colour		green | brown

ISOBLOC 800 is an organically bounded insulation board which is made of cut stone wool fibres of various lengths and fibre diameters. The fraction of organic bonding material is less than 1%, so that offensive smell is essentially absent. **ISOBLOC 800**-boards are uniformly thick over their entire area, have uniform texture and the edges are flat rectangular.

ISOBLOC 800 products are physiologically harmless. (half-life value after intratracheal instillation < 40 days, according to the third decree for amendment of the dangerous materials regulations dated 12.06.1998, federal law gazette 1998, Part 1, No. 35)

Typical application fields are equipment construction and rear insulation of furnaces and other heat devices.

(1) We are able to supply special formats and special thicknesses on request. We will be pleased to manufacture stampings, milled parts or cuttings according to your drawings.
(2) The classification temperature is not to be equated with the maximum application temperature, in particular when physical conditions such as tensile or pressure loads are involved. For applications as high-temperature insulation, lower temperatures must always be applied. In these cases, our Engineering department will offer assistance and support.
(3) Heat transmission calculations for this material can be requested from our Engineering department.

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