BOLIT VF (Vacuum form boards)

Technical specification

	Product	BOLIT **1200**	BOLIT **1400**	BOLIT **1600**
Application temperature	°C	**1200**	**1400**	**1600**
Density	kg/m³	320	270	170
Thermal conductivity (at a medium temperature W/mK)	400 °C 600 °C 800 °C 1000 °C	0.08 0.11 0.16 0.22	0.09 0.12 0.17 0.25	0.12 0.13 0.14 0.17
Shrinkage (after 24h)	%	2.7	3.5	1.1
Loss on ignition	%	6.2	5.9	3.8
Standard dimensions (in mm) (1)	Length Width Thickness Org. binder (%)	1200 1000 5 – 125 5.5	1200 1000 5 – 125 5.5	1000 500 10 – 100 4.0
Colour		white	white	white

BOLIT – VF boards are organically bound boards made of ceramic fibres which can be used at temperatures up to 1600 °C, depending on the quality. **BOLIT boards** have homogeneous strength, can be processed without any problems and do not require subsequent hardening of the cut edges.

Applications:
BOLIT vacuum form boards are used for industrial furnace engineering, equipment and plant engineering as well as for combustion chamber lining.

(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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