

# BOLIT VF (Vacuum form boards)

## Technical specification

	Product	BOLIT 1200	BOLIT 1400	BOLIT 1600
Application temperature	°C	1200	1400	1600
Density	kg/m <sup>3</sup>	320	270	170
Thermal conductivity (at a medium temperature W/mK)	400 °C	0.08	0.09	0.12
	600 °C	0.11	0.12	0.13
	800 °C	0.16	0.17	0.14
	1000 °C	0.22	0.25	0.17
Shrinkage (after 24h)	%	2.7	3.5	1.1
Loss on ignition	%	6.2	5.9	3.8
Standard dimensions (in mm) <sup>(1)</sup>	Length	1200	1200	1000
	Width	1000	1000	500
	Thickness	5 – 125	5 – 125	10 – 100
	Org. binder (%)	5.5	5.5	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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