


**BRA-BOARD® M**

BRA-BOARD® M is a high-temperature resistant, non-flammable, and reinforced silicate material.

**Typical Applications**

- Construction of chemical plants
- Thermal high-stressed laboratory equipment
- Hydraulic heated presses (wood and laminate processing)

Property	Value	Unit	Imperial
Temperature resistance (short-term)	1100	°C	2012 °F
Temperature resistance (long-term)	1000	°C	1832 °F
Thermal conductivity	0.27	W/mK	0.16 btu/ft h °F
Coefficient of linear expansion	$2.2 \times 10^{-6}$	1/K	$2.2 \times 10^{-6}$
Compressive strength (room temperature)	27	N/mm <sup>2</sup>	3916.01 psi
Flexural strength	10	N/mm <sup>2</sup>	1450.37 psi
Compressive strength (200°C)	25	N/mm <sup>2</sup>	3525.94 psi
Water absorption	65%	-	65%



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