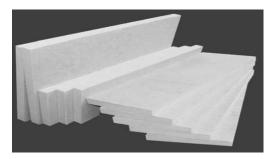
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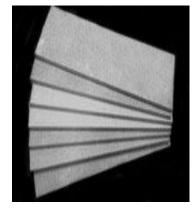


Mineral Wool Board

- Mineral Wool Board is a high temperature insulation board, which is made from mineral fiber and organic binder. The material is ideal for refractory backup insulation behind insulating firebrick and other refractory linings.
- Mineral wool board can be used at different service temperatures up to a maximum of 1900°F on the hot surface of the enclosed panel. This board is not to be subjected to direct touch with flame as a hot face refractory material.
- There could be smoke generated when the binder in the fiber board is burnt above approximately 500°F but the smoke will disperse soon and once for all. To limit or avoid such smoke generation in initial start-up performance, heat rise should be controlled at about 20°F per minute to allow the binder to dissipate with moderate temperature increase. The ignition loss of binder in the first start-up operation will not adversely affect the insulation value.

Typical Physical Properties	
Color	Grey white
Classification temp	1050 °C (1920 °F)
Operating temp	950 °C (1700 °F)
Dimension (mm)	1200x600x12.7 1200x600x25 1200x600x50
Bulk Density	14-16 lb/ft³ (220-256 kg/m³) 17-19 lb/ft³ (272-304 kg/m³)
Compression (Mpa)	0.25
Shrinkage on Heating (≤ %) 950 °C x 24h	0.25
Thermal Conductivity (W/mk) @ 400 °C @ 600 °C @ 800 °C	0.108 0.116

Typical Chemical Composition	
Al ₂ O ₃	20%
SiO ₂	48%
CaO	25%
Fe ₂ O ₃	<u><</u> 2%



Please contact: Phone; (518) 701-6722

Email; sales@ceramaterials.com

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For pricing; www.ceramaterials.com