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MARINITE

3R4032

Description

This thermal treated board has excellent resistance to thermal shock and good stability at high temperatures. It is used for conveying, containing and forming molten aluminum and other non-ferrous metals. Its higher strength makes it easier to machine.



Applications

- Holding furnace linings
- Tips for continuous casters
- Transition plates
- Rings
- Plugs
- Baffles
- Troughs
- Spouts
- Floats
- Filter boxes

Specifications

Technical Data

Density	65lbs/ft ³ (1041kg/m ³)
Modulus of Rupture (Flexural Strength)	1400psi (98kg/cm ²)
Ultimate load	3000psi (211kg/cm ²)
Load @ 5% deformation	2400psi (169kg/cm ²)
Moisture Content (normal), % of dry weight	2.5
Thermal Conductivity (Btu-in/ft ² , hr, °F)	800°F: 1.92, 1000°F: 1.95

Thermal Conductivity (W/m°K)	427°C: 0.28, 538°C: 0.28
Maximum continuous temperature	1500°F, 816°C
Shrinkage 24h at 1350°F	Linear: 0.1%, Thickness: 0.8%
Screw Holding Strength @ 7/8" penetration	240lbs (109kg)

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.