

MARINITE

3R4060



Description

The marinite P has a good resistance to compression and bending. It is ideal for making freestanding panels, and is also used for applications requiring minimum heat distortion.

Applications

Principal applications : oven walls and linings, welding insulation, fire doors, fire training burn buildings, cable trays, personnel protection, and as insulation for marine ships and off-shore rigs.

Back-up insulation applications : ladles, torpedo cars and tundishes in the iron and steel industry, lime and cement plant rotary kilns, and aluminium die cast holding furnaces.

Specifications

Technical Data

Density	60 lbs/pi ³ (961 kg/m ³)
Modulus of Rupture (Flexural Strength)	1400 psi (98 kg/cm ²)
Load @ 5% deformation	3050 psi (214 kg/cm ²)
Moisture Content (normal), % of dry weight	3.0
Thermal Conductivity (Btu-in/ft ² , hr, °F)	400°F: 1.13, 600°F: 1.15, 800°F: 1.16, 1000°F: 1.17
Thermal Conductivity (W/m°K)	204°C: 0.16, 316°C: 0.17, 427°C: 0.17, 538°C: 0.17
Shrinkage 24h at 1200°F	Linear: 0.6%, Thickness: 2.1%
Volume Resistivity (ASTM D257)	5.0 X (10 ⁸) ohm-cm
Dielectric Strength (ASTM D495)	46 v/mil
Screw Holding Strength @ 7/8" penetration	500 lbs (227 kg)

the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.