

Product Information Sheet

RG-30 Refractory

Description

RG-30 Millboard is manufactured with high purity ceramic fibers. It has the lowest shot content of our refractory millboard line. It is recommended for "one shot" applications such as casting process mold gaskets, for example, to 1,482°C (2,700°F). RG-30 is thin, durable, easy to saw or die cut and makes a good replacement for asbestos-based materials. Specifically formulated for use in the iron and steel processing industries, RG-30 also performs well as high-temperature gasketing material in molten metal contact applications in non-ferrous industries. RG-30 is available in 4mm (0.160 in.) thick sheets, 137.5cm x 137.5cm (55 in. x 55 in.).

Physical Properties	
Color	Tan
Nominal density, kg/m ³ (pcf)	641 (40)
Max temp rating, °C (°F)	1,482 (2,700)
Continuous use, up to °C (°F)	1,093 (2,000)
Melting point, °C (°F)	1,760 (3,200)
Modulus of rupture, Mpa (psi)	2.76-3.45 (400-500)

Chemical Analysis	
Alumina Al ₂ O ₃ (%)	35
Silica SiO ₂ (%)	65
Other (%)	
Loss of ignition, L.O.I. @538°C	12-15
Organic material	11-14
Moisture content (max %)	0.5

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