

Monofrax® Type K RAM Cement

Product Description

Monofrax K RAM cement contains 67% specially sized Monofrax K-3 grain. This, supplemented with chromic oxide and a blend of aluminas and clays, provides the desired ramming and in-service properties.

Mix mechanically to uniform consistency.

Typical Chemistry

Cr ₂ O ₃	25.0%
Al ₂ O ₃	63.3%
SiO ₂	4.0%
Fe ₂ O ₃	2.9%
MgO.....	4.1%
Other.....	0.7%

Typical Physical Properties:

Tempering water.....	3½ - 4%
Density: dried at 300°F (150°C)	
lb/ft ³ (gm/cm ³).....	178 (2.85)
Installed density:	
lb/ft ³ (gm/cm ³).....	210 (3.36)
Shrinkage (Fired at 2550°F or 1400°C)	
Less than 0.5%	
Color (wet & dry).....	Dark Green
Modulus of rupture	
Fired at 2550°F (1400°C).....	980 lb/in ²



Typical Applications

- Paving bedding
- Exhaust sills
- Port paving

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Form A-2858
Effective 03/07
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