



INFORMATION BULLETIN

Fedmor 70P

DESCRIPTION: High alumina, phosphate-bonded mortar that has excellent slag resistance and superior strength.

USES INCLUDE: Ladle slide gate assemblies.
Aluminum.
Furnace bottom.
Soaking pit slag lines.
Tundish linings.
Steel ladles.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % - calcined basis)

Al ₂ O ₃	69.5%
SiO ₂	25.3%
P ₂ O ₅	4.54%
Alkalis	0.31%
Fe ₂ O ₃	0.25%
TiO ₂	0.01%

TYPICAL AS RECEIVED PROPERTIES:

Material required (lbs.): per 1000 brick	200 ~ 300
MOR (psi): 220°F	1000 - 1200
2000°F	650 - 850
2550 F	750 - 1100
2910°F	1100 - 1200
Softening Point (°F):	3150

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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