



Fedmor 90P

DESCRIPTION: Fedmor 90P is a chemically bonded, high temperature thick mortar for use in refractory applications.

USES INCLUDE: General construction and maintenance of refractory linings of all kinds.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al ₂ O ₃	90-91 %
SiO ₂	<4 %
Fe ₂ O ₃	< 0.25 %
Na ₂ O+K ₂ O	<0.5 %
P ₂ O ₅	4-5 %
Other	<0.5 %

TYPICAL AS RECEIVED PROPERTIES:

Maximum Hot Face Temperature:	1760°C (3200°F)
Maximum Grain Size:	1.4 mm (14 Mesh)
Wet Material Required for Use:	2565-2645 kg/m ³ (160-165 lb/ft ³)
Bulk Density (C865):	
24°C (75°F)	2.55-2.65 g/cc (159-165 lb/ft ³)
816°C (1500°F)	2.25-2.35 g/cc (140-147 lb/ft ³)

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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