



Fedmore 90P

DESCRIPTION: 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	90.0 - 91.0%
P ₂ O ₅	4.0 - 5.0%
SiO ₂	< 4.0%
Na ₂ O + K ₂ O	< 0.5%
Other	< 0.5%
Fe ₂ O ₃	< 0.25%

TYPICAL AS RECEIVED PROPERTIES:

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

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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