

**FEDMOR 70P**

---

**DESCRIPTION:** Fedmor 70P is a 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 and steel ladles

**CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)**

Al <sub>2</sub> O <sub>3</sub>	69.5%
SiO <sub>2</sub>	25.3%
Fe <sub>2</sub> O <sub>3</sub>	0.25%
TiO <sub>2</sub>	0.01%
P <sub>2</sub> O <sub>5</sub>	4.54%
Alkalies	0.31%

**TYPICAL AS RECEIVED PROPERTIES:**

Test Temperature	Modules of Rupture, psi
220°F	1000-1200
2000°F	650-850
2550°F	750-1100
2910°F	1100-1200

Softening Point	3150 °F
Material required per 1000 brick	200 ~ 300 lbs

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.

Version 14.2