

MILBRO REFRACTORIES, INC.

MILBRO PASTE F (Boiler Applications)

A 3000°F, super duty, fine grained, air-setting refractory paste. MILBRO PASTE F is an excellent maintenance material used to prolong the overall life of refractory linings. Product exhibits excellent bonding strength, and low shrinkage due to it's chemical composition and low moisture content.

Power and Package Boilers typical applications includes water walls on fin and tangent design, soote blower openings, nose arch tubes, refractory baffles, wall and corner burners, entry and inspection doors.

FireTube Boilers typical applications includes fire side door patching, water side door patching, and baffle tile patching.

MILBRO PASTE F is typically used in place of wet, 3000°F mortar.

**Service Temperature
Material Required for Estimating**

**3000°F
Not Applicable**

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	44.1
SiO ₂	48.3
Fe ₂ O ₃	1.8
TiO ₂	1.6
MgO	0.4
Alkalies	3.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1000-1500	3200-3800	0.5 S
2000°F	800-1100	2400-2750	0.3 S
2900°F	1100-1500	3300-3800	0.2 S

All data shown is based on average results of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.