

MILBRO REFRACTORIES, INC.

MILPATCH 85 PB

A high alumina, high purity, chemically bonded patching plaster. Excellent high hot strengths and volume stability at elevated temperatures, are features of MILPATCH 85 PB. It's high plasticity makes this product ideal for patching and maintaining monolithic linings. Applications by trowel or hand.

Service Temperature	3200° F
Melting Point	3350° F
Material Required for Estimating	175 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	84.6
SiO ₂	6.5
Fe ₂ O ₃	2.1
TiO ₂	2.2
MgO	0.3
CaO	0.2
P ₂ O ₅	3.9

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
500°F	800-1100	3100-3550	0.0
2000°F	650-900	2400-2700	0.1 E
2500°F	1550-1900	5950-6400	0.7 E
3000°F	2500-2900	8800-9350	0.5 E

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.