

MILBRO REFRACTORIES, INC.

MILPATCH 90 PB

A high alumina, high purity, chemically bonded patching plaster. Excellent as a patching material for those applications where service is severe and high hot strengths and extreme abrasion or erosion resistance is required. Applications by trowel or hand to maintain monolithic linings.

Service Temperature	3300° F
Melting Point	3380° F
Material Required for Estimating	180 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	90.3
SiO ₂	5.0
Fe ₂ O ₃	0.2
TiO ₂	0.3
MgO	0.1
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	850-1200	3000-3500	0.0
2000°F	2100-2600	5500-6200	0.1 E
2500°F	2200-2800	5800-7000	0.3 E
3000°F	2800-3350	8800-9500	0.3 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.