

MILBRO REFRACTORIES, INC.

MILSIL WET

A sillimanite, air setting wet mortar. Low iron content and high refractoriness contribute to excellent resistance to carbon deposition, slags and gasses. Can be used for laying high alumina brick either trowelled, dipped, or as a grout.

Service Temperature	3200° F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	Use as received

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	56.9
SiO ₂	37.3
Fe ₂ O ₃	1.1
TiO ₂	1.5
MgO	0.2
CaO	0.1

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	900-1100	2500-2850	0.1 S
1500°F	600-800	2000-2400	0.2 S
2000°F	800-1000	2500-2800	0.2 S
2500°F	1200-1650	3600-4000	0. E
3000°F	1800-2200	5500-6200	0.3 E

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