

MILBRO REFRACTORIES, INC.

MILCOTE HI-AL WET

A high alumina chemically bonded wet mortar. Excellent strength and resistance to molten metal & slags. Heat setting. Used for laying all types of high alumina brick where service conditions are severe.

Service Temperature	3300°F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	Use as received

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	83.0
SiO ₂	8.9
Fe ₂ O ₃	0.8
TiO ₂	1.1
MgO	0.1
CaO	0.1
P ₂ O ₅	6.0

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	400-600	2000-2300	0.1 S
1500°F	300-650	1950-2150	0.1 S
2000°F	600-800	2450-2700	0.1 S
2500°F	2250-2650	5800-6300	0.1 E
3000°F	2500-2800	6000-6400	0.1 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.