

MILBRO REFRACTORIES, INC.

MILCOTE HI-AL WET

A high alumina chemically bonded wet mortar. Excellent strength and resistance to molten metals and slags. Heat setting. Used for laying 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.