

MILBRO REFRACTORIES, INC.

MILCOTE 90 WET

MILCOTE 90 WET is a high purity, high alumina chemically bonded wet mortar. Superior resistance to molten metal and slags. Excellent strength throughout the temperature range. Heat setting. Used for laying high alumina brick. Outstanding troweling characteristics.

Service Temperature	3350° F
Material Required for Estimating	500 lbs./M 9 in. equiv.
Mixing Water Required	Use as received

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	89.6
SiO ₂	4.1
Fe ₂ O ₃	0.2
TiO ₂	0.1
MgO	Trace
CaO	Trace
P ₂ O ₅	6.0

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	450-650	2250-2800	0.1 S
2500°F	2500-3000	6000-7000	0.1 E
3000°F	2600-3000	6500-7800	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.