

MILBRO REFRACTORIES, INC.

MILCOTE 80 WET

A high alumina chemically bonded, wet mortar. Excellent strength and metal penetration resistance. Used for laying all types of high alumina brick. MILCOTE 80 WET is manufactured in trowel, dip, or grout consistencies.

Service Temperature	3275°F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	Use as received

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	79.2
SiO ₂	11.0
Fe ₂ O ₃	0.7
TiO ₂	1.0
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	300-500	1800-2200	0.1 S
2000°F	550-750	2000-2400	0.1 S
2500°F	1900-2450	5350-5900	0.1 E
3000°F	2300-2700	5750-6200	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.