

MILBRO REFRACTORIES, INC.

MILCOTE 70 WET

MILCOTE 70 WET is a high alumina wet, air setting mortar. Used for laying all types of high alumina brick. This mortar has excellent strength throughout the temperature range. MILCOTE 70 WET is manufactured in trowel, dip, or grout consistencies.

Service Temperature	3250° F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	Use as received

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	69.5
SiO ₂	28.5
Fe ₂ O ₃	0.8
TiO ₂	0.9
MgO	0.2
CaO	0.1

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1000-1200	2800-3200	0.1 S
2000°F	950-1100	2650-2900	0.1 S
2500°F	1400-1850	3900-4350	0.1 E
3000°F	1950-2400	5850-6450	0.2 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.