

MILBRO REFRACTORIES, INC.

MILCOTE 70 DRY

MILCOTE 70 DRY is a high alumina dry, air setting mortar. Used for laying all types of high alumina brick. This mortar has excellent strength throughout the temperature range.

Service Temperature	3300° F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	7.0-8.0 qts./75 lbs.

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.