

MILBRO REFRACTORIES, INC.

MILCOTE HD DRY

A dry, fireclay, heat setting mortar. Service temperature limit is 2900° F. Can be used with high and super duty fireclay brick and insulating brick. Good bonding strength. Can be mixed to stiff troweling, regular troweling, or dipping consistency.

Service Temperature	2900° F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	As required

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	35.6
SiO ₂	59.9
Fe ₂ O ₃	1.9
TiO ₂	2.0
MgO	0.4
CaO	0.2

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	200-250	450-650	0.9 S
1500°F	150-200	300-450	0.5 S
2500°F	250-350	600-800	0.3 S

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.