

MILBRO REFRACTORIES, INC.

MILCOTE HDS

A dry, high duty, air setting, silicate bonded 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	8-9 qts. / 75 lbs.

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	36.6
SiO ₂	57.5
Fe ₂ O ₃	1.2
TiO ₂	1.7
MgO	0.4
CaO	0.5

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi
220°F	900
2000°F	500
2550°F	700

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.