

MILBRO REFRACTORIES, INC.

MILCOTE 3000 DRY

A wet, super duty, air setting mortar. Service temperature limit is 3000° F. MILCOTE 3000 WET is homogeneous and provides excellent bonding strength. Can be used with high and super duty fireclay brick and insulating brick. Excellent bonding strength. Provides strong air tight and gas tight joints. Excellent trowelling characteristics.

Service Temperature	3000° F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	10.0-11.0 qt./75 lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	45.3
SiO ₂	46.8
Fe ₂ O ₃	1.7
TiO ₂	1.8
MgO	0.4
CaO	0.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	450-500	1350-1750	0.5 S
1500°F	200-250	550-850	0.3 S
2000°F	250-350	800-1200	0.3 S
2700°F	350-450	1100-1500	0.2 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.