WATERPROOF HI-TEMP MORTAR
CEMENT BONDED, WATER INSOLUBLE MORTAR

PHYSICAL PROPERTIES

Maximum Service Temperature  2600°F
Modulus of Rupture
  After Drying at 230°F  250 – 450 psi
  After Firing to 2350°F  500 – 700 psi
Approximate Amount Required per 1000 – 9” Brick
  Trowelled Joints  400 – 600 lbs.
  Dipped Joints  250 – 350 lbs.
  Brick Laid Dry and Grouted  200 – 300 lbs.

Refractories Test:  ASTM C-199:  The mortar does not flow or squeeze from the joints when heated for five hours at 2550°F.

Waterproof Hi-Temp Mortar is shipped dry in 50 lb. bags.  Mix in a clean mortar mixer with the addition of approximately 20% drinking quality water.

CHEMICAL ANALYSIS

Silica  [SiO₂]  43.8%
Alumina  [Al₂O₃]  41.4%
Iron Oxide  [Fe₂O₃ and FeO]  2.5%
Titania  [TiO₂]  1.3%
Lime  [CaO]  10.5%
Other  0.5%

NOTE:  All data subject to reasonable deviation and should not be used for specification purposes.