

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	[SiO ₂]	43.8%
Alumina	[Al ₂ O ₃]	41.4%
Iron Oxide	[Fe ₂ O ₃ and FeO]	2.5%
Titania	[TiO ₂]	1.3%
Lime	[CaO]	10.5%
Other		0.5%

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

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