

SUPER HI-MUL 40 DRY
AIR SETTING, FIRECLAY MORTAR

PHYSICAL PROPERTIES

P.C.E.	31 – 32
Approximate Amount Required per 1000 – 9" Brick	
Troweled Joints	300 – 400 lbs.
Dipped Joints	250 – 300 lbs.
Brick Laid Dry and Grouted	200 – 250 lbs.

Refractoriness (ASTM C-199) – Does not flow or squeeze from joints when heated five (5) hours at 2910°F.

Bond Strength: (ASTM C-198) (Modulus of Rupture)

Dried 230°F	500 – 700 psi
Fired to 1900°F	400 – 600 psi

SUPER HI-MUL 40 DRY mixes readily with water and has excellent workability for troweled or dipped joints. It can be used with all classes of fireclay brick. SUPER HI-MUL 40 DRY is an air setting mortar which will develop a strong bond upon drying.

Shipped dry in 50 lb. bags for use with the addition of approximately 5.5 quarts of clean water per 50 lbs. of dry mix for troweled joints.

CHEMICAL ANALYSIS

Silica	[SiO ₂]	52.3%
Alumina	[Al ₂ O ₃]	44.1%
Iron Oxide	[Fe ₂ O ₃]	0.9%
Titania	[TiO ₂]	1.8%
Lime	[CaO]	Trace
Alkalies	[Na ₂ O + K ₂ O]	0.9%

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

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