

SUPER HI-MUL 40
AIR SETTING, FIRECLAY MORTAR

PHYSICAL PROPERTIES

P.C.E.	31 – 32
Maximum Service Temperature	3000°F
Modulus of Rupture	
After Drying at 230°F	400 – 550 psi
After Heating to 1900°F	300 – 500 psi

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

Approximate Amount Required per 1000 – 9” Brick

Trowelled Joints	400 – 500 lbs.
Dipped Joints	300 – 350 lbs.
Brick Laid Dry and Grouted	250 – 350 lbs.

SUPER HI-MUL 40 offers exceptional resistance to abrasion, slag, and metal penetration and reducing atmospheres. It forms a high degree of mullite when fired. SUPER HI-MUL 40 can be used with all classes of fireclay brick.

SUPER HI-MUL 40 is shipped at trowelling consistency, ready to use, in 50 lb. plastic pails. It is also available dry in bags ready for mixing with clean water.

CHEMICAL ANALYSIS

Silica	[SiO ₂]	52.3%
Alumina	[Al ₂ O ₃]	40.3%
Iron Oxide	[Fe ₂ O ₃ and FeO]	1.0%
Titania	[TiO ₂]	1.4%
Alkalies	[Na ₂ O + K ₂ O + Li ₂ O]	3.1%

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

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