

SUPER HI-MUL
AIR SETTING, MULLITE BASED MORTAR

PHYSICAL PROPERTIES

| | |
|---|----------------|
| P.C.E. | 31 – 32 |
| Maximum Service Temperature | 3100°F |
| Modulus of Rupture | |
| After Drying at 230°F | 550 – 750 psi |
| After Heating to 1900°F | 400 – 600 psi |
| Approximate Amount Required per 1000 - 9" Brick | |
| Troweled Joints | 400 – 500 lbs. |
| Dipped Joints | 300 – 350 lbs. |
| Brick Laid Dry and Grouted | 250 – 350 lbs. |

SUPER HI-MUL offers exceptional resistance to abrasion, slag, and metal penetration and reducing atmospheres. Forms a high degree of mullite when fired. For use with all classes of fireclay brick and high alumina brick.

Shipped as troweled joint consistency, ready to use, in 55 lb. plastic pails. Also shipped dry in 50 lb. bags for use with the addition of clean water.

CHEMICAL ANALYSIS

| | | |
|------------|--|-------|
| Silica | [SiO ₂] | 43.2% |
| Alumina | [Al ₂ O ₃] | 53.0% |
| Iron Oxide | [Fe ₂ O ₃] | 1.0% |
| Titania | [TiO ₂] | 1.9% |
| Lime | [CaO] | 0.2% |
| Alkalies | [Na ₂ O + K ₂ O] | 0.7% |

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

6180

