

SUPER DUTY MORTAR TS
HEAT SETTING, FIRECLAY MORTAR

PHYSICAL PROPERTIES

P.C.E.	33 – 34
Maximum Service Temperature	3000°F
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.

Refractories Test: Does not flow or squeeze from joints when heated five (5) hours at 2910°F.

This highly refractory mortar can be used with all classes of fireclay and high alumina brick at temperatures up to 3000°F. Excellent workability for troweled or dipped joints. SUPER DUTY MORTAR TS is designed as a heat setting mortar which will allow some expansion and movement of brickwork when a lining is being heated. A ceramic bond develops as the material is heated to high temperatures.

Shipped dry in 45 lb. bags for use with the addition of approximately 5.4 quarts of clean water per 45 lbs. of dry mix for troweled joints.

CHEMICAL ANALYSIS

Silica	[SiO ₂]	51.5%
Alumina	[Al ₂ O ₃]	45.1%
Iron Oxide	[Fe ₂ O ₃]	0.9%
Titania	[TiO ₂]	1.9%
Lime	[CaO]	0.1%
Alkalies	[Na ₂ O + K ₂ O]	0.5%

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

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