

PRODUCT

DELTA t CRETE BLOCK MIX
EXTREMELY LIGHTWEIGHT CASTABLE
BLOCK INSULATION

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	1600°F
ASTM C-401	None
Lbs. Required Dry Mix Per Cu. Ft.	23 lbs.
% Water by Weight Required for Casting	150%
Bulk Density After Drying at 230°F	25 lbs./cu.ft.
MOR After Drying at 230°F	30 – 55 psi
<u>Cold Crushing Strength</u>	
After Drying at 230°F	70 – 100 psi
After Firing at 1500°F	20 – 50 psi
<u>Permanent Linear Change</u>	
After Drying at 230°F	Negligible
After Heating to 1500°F	-0.5 to -1.4%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	43.3%
Alumina	[Al ₂ O ₃]	7.8%
Iron Oxide	[Fe ₂ O ₃]	2.0%
Lime	[CaO]	39.4%

THERMAL CONDUCTIVITY BTU/SQ.FT./HR./°F/IN.

At 500°F	0.51
At 1000°F	0.73

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

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