

PRODUCT
HEATCRETE 25

**HIGH DUTY FIRECLAY CASTABLE
MEDIUM AGGREGATE**

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2500°F
ASTM C-401	Class C
Lbs. Required Dry Mix Per Cu. Ft.	125 lbs.
% Water by Weight Required for Casting	Approx. 14%
Bulk Density After Drying at 230°F	129 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	2500 - 3500 psi
MOR After Drying at 230°F	350 - 550 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.3%
After Heating to 2300°F	0.0 to -1.1%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	46.0%
Alumina	[Al ₂ O ₃]	39.0%
Iron Oxide	[Fe ₂ O ₃]	3.2%
Lime	[CaO]	7.6%

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

At 500°F	5.2
At 1500°F	5.4
At 2000°F	5.7

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

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MT. SAVAGE

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