

PRODUCT
HEATCRETE 24-ES

**EXTRA STRENGTH CASTABLE
MEDIUM AGGREGATE**

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2400°F
ASTM C-401	Class B
Lbs. Required Dry Mix per Cu. Ft.	125 lbs.
% Water by Weight Required for Casting	Approx. 14%
Bulk Density After Drying at 230°F	135 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	4500 - 6000 psi
MOR After Drying at 230°F	900 - 1300 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.2%
After Heating to 2300°F	0.1 to -1.1%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	43.1%
Alumina	[Al ₂ O ₃]	38.0%
Iron Oxide	[Fe ₂ O ₃]	3.9%
Lime	[CaO]	11.4%

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

At 500°F	5.2
At 1000°F	5.6
At 1500°F	5.9

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

3050



MT. SAVAGE

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