

HEATCRETE 26-ES GUN MIX

**LOW IRON, HIGH STRENGTH, FIRECLAY GUN MIX
MEDIUM AGGREGATE**

PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F
ASTM C-401	Class C
Lbs. Required Dry Mix per Cu. Ft.	130 lbs.
% Water by Weight Required for Gunning	Approx. 10 – 12%
Bulk Density After Drying at 230°F	134 lbs./cu.ft
MOR After Drying at 230°F	800 – 1200 psi

Cold Crushing Strength

After Drying at 230°F	4500 – 7000 psi
After Firing at 1500°F	2500 – 4000 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.4%
After Heating to 2500°F	0.0 to 1.0%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	40.2%
Alumina	[Al ₂ O ₃]	45.3%
Iron Oxide	[Fe ₂ O ₃]	1.6%
Lime	[CaO]	11.1%

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

At 500°F	5.6
At 1500°F	6.2
At 2000°F	6.3

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

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