



Introducing

## Cool Core™

Cool Core is an asbestos-free; mineral based fire core for use in Hollow Metal Doors to obtain the needed fire rating as well as a 250-degree Fahrenheit temperature rise rating.

### Technical Data:

**Modulus of Rupture** - 184 lb./in<sup>2</sup> +/- 50 lb/in<sup>2</sup> (6 x 12)

**Modulus of Elasticity** – 31,000 lb.

**Thermal Conductivity** (ASTM C-518) – K-factor = .65

**Temperature Rise** – 30-minute maximum temperature rise does not exceed 250° F.

**Physical Properties** – Density 19 lb/ft<sup>3</sup> +/- 2 lb/ft<sup>3</sup>

**Moisture Content** - Less than 2% by weight. No increase in moisture at 65 F at 35% relative humidity

**Compressive Strength** (psi at 5% compression) – 220

### Loss on Ignition

Dimension	1700° F / 24 hours
Linear	<2%
Weight Loss	<15%

### Features/Benefits:

**Sealed** – Improves bondability and minimizes dust emissions in the workplace

**Lightweight** – Easy to lift, reduces back sprains and strains, keeps freight cost low, easy to machine and cut

**Made to your size** – Reduces inventory, eliminates further processing in your facility, reduces waste and cost.

**Consistent Availability** – Lead-times are 2 to 3 weeks from placement of orders to delivery of product, reduces inventory, improves cash flow