



**CLAYBURN INDUSTRIES LTD.**

33765 PINE STREET  
ABBOTSFORD, BC  
CANADA V2S 5C1  
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## TECHNICAL DATA - TYPICAL

### INSULATING BRICK

#### **CLAYTHERM OZ-1.3**

Classification A medium density, high strength, pressed insulating brick.

Max. Service Temperature 2350°F (1300°C)  
(back up)

Bulk Density 70 - 82 lbs/ft<sup>3</sup> (1.1-1.3 g/cm<sup>3</sup>)

Cold Crushing Strength 1300 - 3600 lbs/in<sup>2</sup> (9.0-25.0 MPa)

#### Linear Change on Reheating

1550°F	(840°C)	0.0%
1650°F	(900°C)	0.0%
2300°F	(1260°C)	-0.5 to -1.0%

#### Thermal Conductivity      Btu/ft<sup>2</sup> Hr F/in      (W/mK)

250°F	(121°C)	3.1	0.45
500°F	(260°C)	3.3	0.48
1000°F	(538°C)	3.7	0.54

#### Chemical Analysis

Silica	SiO <sub>2</sub>	40 - 46%
Alumina	Al <sub>2</sub> O <sub>3</sub>	46 - 52%