

# Calcium Silicate Insulation

## Product Specification

MSCP’s Calcium Silicate insulation solution is asbestos-free, abuse resistant, with high structural strength and durability making it the preferred product for a vast array of applications. The insulation is molded or fabricated to a large selection of sizes and resistant to breakage therefore Calcium Silicate has fast and easy installation. Calcium Silicate has a natural corrosion inhibitor built in for long life. The Calcium Silicate insulation solution is ideal for systems that demand energy conservation while offering effective process control, and superior personal & fire protection.

### Technical information

#### Data

	ASTM C177 & C335	
■ Certifications	ASTM E84	
	ASTM C411	
	ASTM C533	
■ Compressive Strength	100 psi (690 kPa)	
■ Flexural Strength	65 psi (448 kPa)	
■ Max Service Temp.	1200°F (649°C)	
■ Thickness	1.5"	3.5"
	2.0"	4.0"
	2.5"	4.5"
	3.0"	
■ Configurations	Various Available	
■ Density	14.5 lbs./Cu. Ft.	

### Insulation “K” Factor

Temperature	14.5 lbs./Cu. Ft.
200°F (93°C)	0.41
300°F (149°C)	0.45
400°F (204°C)	0.50
500°F (260°C)	0.55
600°F (316°C)	0.60
700°F (371°C)	0.65

Note :

The insulation “K” factors are in units of BTU\*in/(hr\*ft<sup>2</sup>\*°F)

This information is given in good faith. Use proper personal protective equipment with using item. Intended for use by skilled persons in the art of fabrication and applying removable/reusable insulation or like products. MSCP recommends testing before use.

#### HEADQUARTERS:

322 Kaska Rd | Sherwood Park, AB

(587) 597-6727

