

Claremont Low-K 400 CF is passive firewall insulation made from 4-lb. density mineral wool bonded together with a high temperature binder.

Applications

- Shipboard hulls, bulkheads, overheads, stiffeners, beams, and ductwork requiring thermal protection.
- Bulkheads, stiffeners, and beams that require treatment for fire impingement.
- Shipboard applications requiring USCG fire ratings per USCG No. 164.007.

Features and Benefits

- Superior thermal performance.
- Excellent fire resistant properties.
- Lightweight.
- Easy installation.
- Low-K 400 can be provided plain or faced with fiberglass cloth, perforated fiberglass cloth, Tuffskin, or other facings.

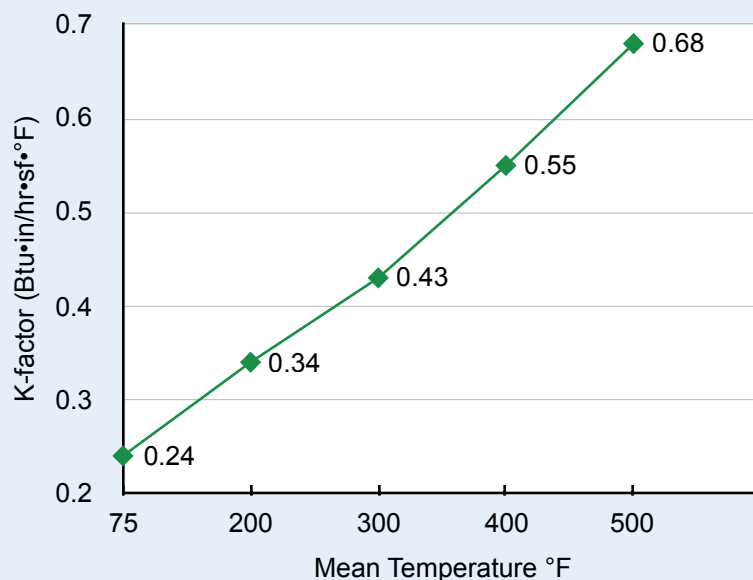
Specifications:

- USCG 164.109/5/0
- USCG 164.107/5/0
- USCG 164.107/6/0
- USCG 164.012
- HH-I-558B and C
- Non-Combustible and Structural Fire Installation, Class "A-60"
- ASTM C 612

Low-K 400 CF Physical Properties

Available Thickness	1", 1 1/2", 2"
Available Sheet Sizes	24" x 36", 24" x 48"
Service Temperatures ASTM C 411	up to 850°F
Density (PCF nominal) ASTM-D-1667	4.0
Corrosion to Steel, Aluminum, Copper ASTM C 665	None
1/4-Scale Fire Test U.S. Navy	Pass ASTM-E-119
Navy Drawing	NAV. DWG 803-5184182

Thermal Conductivity (ASTM C 177 & C 518)



Product Name	Description
Low-K 400 Plain	Unfaced mineral wool.
Low-K 400 CF (Cloth Faced)	Faced with fiberglass cloth per MIL-C-20079, Ty. I, Cl. 2
Low-K 400 AC (Acoustical)	Laminated to high-density waffle board, faced with perforated fiberglass cloth per MIL-C-20079, Ty. I, Cl. 2.
Low-K 400 TS (Tuffskin)	Faced with fiberglass scrim reinforced mylar per MIL-I-22023 Ty. III.