Thermafiber® K-FAC® 19

High-Temperature Board

- Used at service temperatures up to a maximum of 1,900°F (1,038°C)
- Easily fabricated and installed
- Non-corrosive
- High density
- Contains no asbestos
- Standard sizes in stock for quick shipment

Thermafiber K-FAC 19 is used in incinerators, furnaces, kilns, boilers, and other applications where high-temperature insulating materials are required.

Up to
55%
Recycled
Content

K-FAC 19's exceptional strength and easy handling allow use of large size boards to reduce labor costs. Material can be cut quickly by hand with a knife or saw for fabrication and application on the job.

Thermafiber®
THE NAME IN MINERAL WOOL™

Made in the USA

Thermafiber® K-FAC® 19

Description:

THERMAFIBER K-FAC 19 high temperature board provides high strength stability and excellent workability. It is composed of mineral fiber and selected mineral additives. The density allows K-FAC 19 to meet a variety of installation requirements. An organic binder that will dissipate above approx 475°F is used for low temperature handling. On initial start-up, heat rise should not exceed 15°F per minute to allow the binder to dissipate without excessive temperature rise. This will occur only on the first startup and will not adversely affect the insulation value. An inorganic binder system allows K-FAC 19 to be used at service temperatures to a maximum of 1900ºF on the hot surface of the enclosed panel only. Not to be subjected to direct flame impingement as a hot face material.

Product Options:

- Standard sizes in thickness of ¾”, and up to 4” boards
- Custom sizes available upon request
- Packaged in cartons

Installation:

Material can be cut quickly and easily with a knife or saw for fabrication and application at the jobsite. Attachment is typically by impaling on pins or studs.

Standard Sizes:

Thickness (1)	Width (2)	Length
¾”	6” , 12”, 24”	36”, 48”
1”-4” (3)	6”, 12”, 24”, 36”	36”, 48”
(1) Thickness tolerance: non-laminated +/- 1/64”, laminated +/- 1/32”		
(2) Width & Length tolerance: non-laminated +/- 1/32”, laminated +/- 1/32” (dimensions subject to no greater than +/- 1/8” offset on multiple plies)		
(3) Available in ½” increments. Thicknesses over 1” are laminated		

Technical Data:

Thermal Conductivity (1) per ASTM C177					
K-factor-BTU – in./hr. – ft2 - °F					
400° F	500° F	600° F	700° F	800° F	900° F
0.46	0.51	0.56	0.64	0.71	0.80
(1) Degrees represent mean temperature					

Physical Properties			
Nom. Density – pcf (1)	Minimum compressive strength – psf at 10% compression	Linear shrinkage, max./24 hr. at 1900°F (2)	Modulus of rupture – psi min.
18.5	4,800	2.50%	95
(1) Density tolerance: 1lb/cu. Ft			
(2) Not for use at service temperatures over 1,900°F			

Standards Compliance:

ASTM E 84 Flame Spread 25 Smoke Developed 5
ASTM C612 Type V
Contains No Asbestos

For Further Information:

For additional information about these or other Thermafiber products contact us at 1-888-834-2371 or visit our website www.thermafiber.com.

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Submittal Approvals:

Project	
Approval	Date

Thermafiber® THE NAME IN MINERAL WOOL™

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