



Ceramic Fiber Board

DESCRIPTION

Protherm Ceramic Fiber (CF) Boards are manufactured from refractory ceramic fibers suitable for industrial applications to withstand temperatures of up to 2600°F. They are ideal for applications where vibration, mechanical stress and higher air velocities are present. The boards are strong, yet light-weight and are easy to cut and/or machine. They are excellent for insulating furnaces and boilers due to their low thermal conductivity and low heat storage allowing for shorter cycle times.

CLASSIFICATION

Protherm CF Board 2300°F

Protherm CF Board 2600°F

FEATURES

Low shrinkage
Low thermal conductivity
Low heat storage
Lightweight
Excellent thermal shock resistance
Asbestos free

APPLICATIONS

Petrochemical
Metallurgy
Refining
Power plant
Glass
Ceramics



TECHNICAL DATA SHEET

CLASSIFICATION	Protherm CFBoard 2300° F	Protherm CFBoard 2600° F
Classification Temperature	2300° F	2600° F
Continuous Use Temperature	2100° F	2450° F
Color	Cream to White	Cream to White
Density (pcf)	18.75	18.75
Shrinkage on Heating (%)	≤3 @ 2100° F x 24hrs	≤3 @ 2450° F x 24hrs
Thermal Conductivity (W/m.K.)		
400° C	≤0.085	≤0.083
600° C	≤0.120	≤0.115
800° C	≤0.140	≤0.135
1000° C	≤0.160	≤0.150
Compressive Strength (Mpa)	0.20	0.20

Available Sizes

½" x 24" x 36"

½" x 24" x 48"

1" x 24" x 36"

1" x 24" x 48"

2" x 24" x 36"

2" x 24" x 48"

Other sizes available according to customer's requirements.

The technical data given in the product information are mean values, and are subject to usual manufacturing variations. They are supplied as general technical information and are subject to change without further notice.