



# Thermafiber® Industrial Fabrication Board

## Mineral Wool Insulation



### Description

Thermafiber® Industrial Fabrication Board is an economical, rigid, mineral fiber board insulation used for fabrication of v-groove, fittings, and precision cut pipe. Thermafiber® Industrial Fabrication Board offers excellent thermal and acoustical performance in both hot and cold applications. It conserves energy, maintains process temperatures, provides personnel protection, prevents condensation, and reduces noise emission and transmission. It is available in an actual density of 6.5 lb./cu. ft. and is suitable for temperatures up to 1200°F (650°C).

### Features

- Used in continuous service up to 1200°F (650°C)
- Easily fabricated
- Non-combustible
- Excellent thermal performance and resiliency
- Dimensionally stable at elevated temperatures
- Non-corrosive
- Minimum 70% recycled content<sup>1</sup>

### Standards, Codes Compliance

<b>ASTM E 136</b>	Non-Combustible as defined per NFPA Standard 220
<b>ASTM C 356</b>	Linear shrinkage <2% @ 1200° F (650° C)
<b>ASTM C 612<sup>2</sup></b>	Type IA, IB, II, III, IVA, IVB
<b>ASTM C 795</b>	Complies
<b>ASTM C 1338</b>	Fungi Resistant
<b>CAN/ULC S114</b>	Complies
<b>ASTM E84/CAN/ULC S102</b>	Flame Spread 0, Smoke Developed 0
<b>ASTM C 665</b>	Complies
<b>ASTM C 1104</b>	<0.5%
<b>ASTM C 165</b>	504 lb/ft <sup>2</sup>

2. For additional information, please refer to the Thermafiber® Industrial Fabrication Board Technical Bulletin (Pub No. 10022798).

### Technical Data

Actual Density	Thermal Conductivity <sup>3</sup> tested to ASTM C 177								Tested to ASTM E 84	
	K-factor – Btu • in/hr • ft <sup>2</sup> • °F								Unfaced	
	75°	100°	200°	300°	400°	500°	600°	700°	Flame Spread	Smoke Developed
6.5 lbs/ft <sup>3</sup>	0.23	0.25	0.29	0.34	0.40	0.47	0.55	0.65	0	0

3. Degrees represent mean temperature

Maximum Hot Surface Temperature One Side (enclosed panel) per ASTM C 411		
	Actual Density	Maximum ° F
Industrial Fabrication Board	6.5 pcf	1200

### Availability

For product availability, please contact your local Owens Corning Area Sales Manager.

Actual Density	Thickness <sup>4</sup>	Widths <sup>5</sup>	Lengths <sup>5</sup>
6.5 pcf	2-10"	36", 36.5"	48"

4. Thicknesses are available in 1" increments.

5. Custom sizes are available upon request.

## Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at [www.owenscorning.com](http://www.owenscorning.com).

## Notes

For additional information refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

## Submittal Approvals

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Date \_\_\_\_\_



ThermoFiber® Industrial Fabrication Board can be used for v-groove, fittings, and cut pipe.



## Certifications and Sustainable Features

- <sup>1</sup> Certified by ICC-ES to contain a minimum of 70% recycled content.
- Environmental Product Declaration (EPD) has been certified by UL Environment. For more information visit [ul.com/epd](http://ul.com/epd).
- Material Health Certificate for unfaced products from Cradle to Cradle Products Innovation Institute. For more information visit [c2ccertified.org](http://c2ccertified.org).



# Thermafiber

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