



www.armatherm.com

# Product Submittal Sheet

## Armatherm™ FRR

Armatherm™ FRR structural thermal break material provides a combination of low thermal conductivity and high compressive strength and has been used in thousands of structural steel framing connections transferring load in moment and shear conditions. Armatherm™ FRR thermal break material can support up to 43,000 psi and has an R value of 0.95 per inch. The material is made of a reinforced, thermoset resin which enables FRR to boast limited combustibility and reduce the amount of creep under load, making it the ideal material for use in structural steel and façade thermal break connections.

### Product Data:

Material: **FRR**

Density: **80 lb/in<sup>3</sup>**

Maximum Loading Pressure

**43,000 psi**

Compressive Modulus

**835,000 psi**

Shear Strength

**16,000 psi**

Standard Thickness

**1/2", 3/4", 1" & 2"**

Thermal Conductivity

**1.056 Btu ft/ft<sup>2</sup>h°F**

Thermal Conductivity

**0.152 W/m<sup>2</sup>K**

Minimum Operating Temp

**-60 °F**

Maximum Operating Temp

**220°F**



Armatherm FRR thermal break material

**Other thicknesses available: 1/16", 1/8", 1/4", 3/8", 5/8", 7/8".**

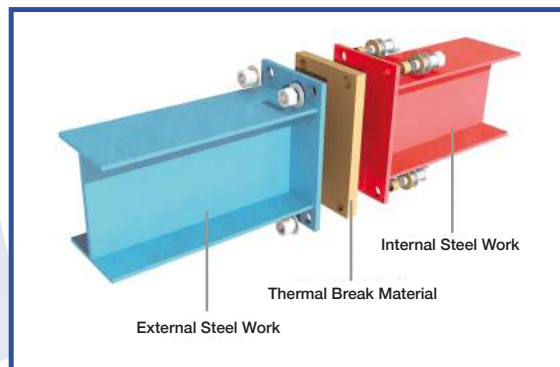
Armatherm™ FRR sheets can be bonded together to satisfy U value and thickness specification requirements.

### Related Accesories:

• Armatherm™ Thermal Washers and Bushing



• Standard I-Beam connection with Armatherm™ FRR



Call **844 360 1036** For all enquiries

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## Project Information

Project Name:

Address:

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## Contractor Information

Name:

Contact:

Phone:

Fax:

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## Architect Information

Name:

Contact:

Phone:

Fax:



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