

ARMATHERM™ GRADE FRR

Product Submittal Sheet



INTRODUCTION

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.

SPECIFICATIONS OF ARMATHERM™ FRR

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-in/h-ft²-°F
Thermal Conductivity	1.056 W/m²°K
Minimum Operating Temp	-60°F
Maximum Operating Temp	220°F

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

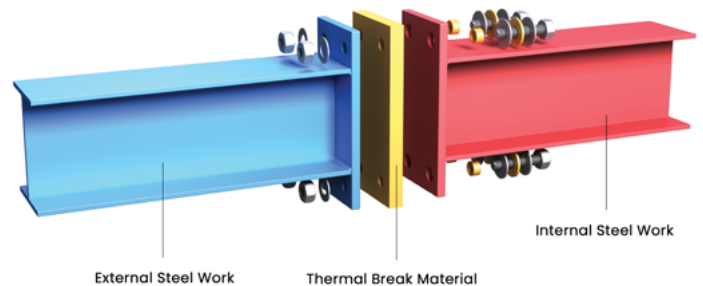
Armatherm™ FRR sheets can be bonded together to satisfy U value and thickness specification requirements.



RELATED ACCESSORIES



Armatherm™ Thermal Washers and Bushings



Armatherm™ Thermal Washers and Bushings



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PROJECT INFORMATION

Project Name:

Address:

CONTRACTOR INFORMATION

Name:

Contact:

Phone:

Fax:

ARCHITECT INFORMATION

Name:

Contact:

Phone:

Fax:

