

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 301.5 N/mm² and 20mm or thicker is Euro class B fire rating. 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

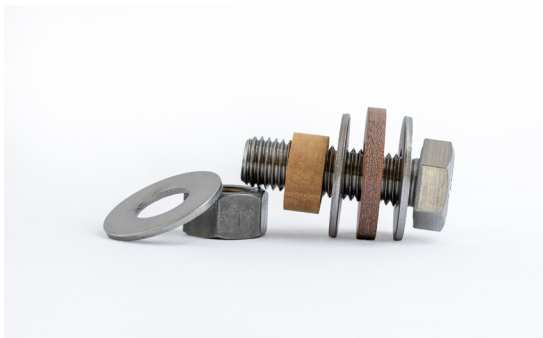
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|-----------------------------|-------------------------|
| Maximum Loading Pressure | 301.5 N/mm ² |
| Compressive Modulus | 5758 N/mm ² |
| Shear Strength | 110 N/mm ² |
| Standard Thickness | 12mm, 20mm, 25mm, 50mm |
| Thermal Conductivity | 0.35 W/mK |
| Minimum Operating Temp (°C) | -51°C |
| Maximum Operating Temp (°C) | 90°C |

Other thicknesses available: 3mm, 6mm, 10mm, 15mm.

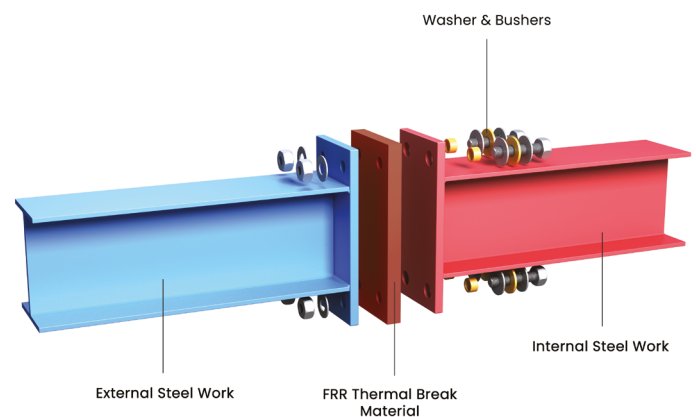
Armatherm™ FRR sheets can be bonded together to satisfy U value and thickness specification requirements.



RELATED ACCESSORIES



Armatherm™ Thermal Isolation 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:

