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 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

Maximum Loading Pressure	301.5 N/mm²
Compressive Modulus	5758 N/mm²
Shear Strength	110 N/mm²
Standard Thickness	12mm, 20mm, 25mm, 50mm
Thermal Conductivity	0.35 W/mK
Minimum Operating Temp (°C)	-51°C
Maximum Operating Temp (°C)	90°C

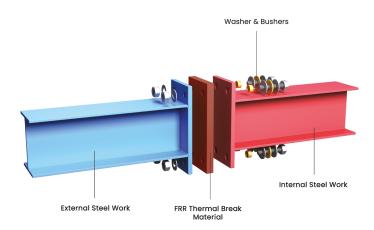
Other thicknesses available: 3mm, 6mm, 10mm, 15mm. Armatherm™ FRR sheets can be bonded together to satisfy U value and thickness specification requirements.



RELATED ACCESSORIES



Armatherm[™] Thermal Isolation Washers and Bushings



Armatherm[™] Thermal Washers and Bushings













Armatherm Thermal **Bridging Solutions LTD** UK Office: Hillam Road, Bradford, BD2 1QN +44 (0)1274 591115 info@armatherm.com armatherm.co.uk

European Office: Riverside, Tullamore, Co. Offaly, Ireland +353 1 697 1509 info@armatherm.com armatherm.com/ie

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PROJECT INFORMATION

Project Name:

Address:

CONTRACTOR INFORMATION

Name:	Contact:
Phone:	Fax:

ARCHITECT INFORMATION

info@armatherm.com

armatherm.co.uk

BBA bre	GLOBAL COLD CHAIN ALLIANCE* PROUD MEMBER			RUIDING SCIENCES

info@armatherm.com armatherm.com/ie