

SOPRATHERM

ALU FW WI



INSULATION

APPLICATIONS

FOUNDATION

WALL

TECHNICAL DATA SHEET

ANZ-TDS-117-SOPRATHERM ALU FW WI

DESCRIPTION

SOPRATHERM ALU FW WI is a high performance thermal insulation board. It is composed of closed-cell polyisocyanurate (PIR) foam laminated on both sides with a multilayer aluminum facer.

SOPRATHERM ALU FW WI has amongst a high thermal values of the rigid board insulation products, giving buildings continued thermal efficiency throughout their life span.

SOPRATHERM ALU FW WI It has a light weight closed cell foam core which makes it easy to handle and allows a faster application.

Superior thermal performance

Superior compressive strength

Great dimensional stability

FIELD OF APPLICATION

SOPRATHERM ALU FW WI is mainly used as wall, floor and foundation insulation.

INSTALLATION PROCEDURE

APPLICATION:

SOPRATHERM ALU FW WI boards can be loose-laid under ballast.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

SPECIFICATIONS	SOPRATHERM ALU FW WI
Board thickness	50, 60, 70, 80, 90, 100mm
Board dimensions	600 mm x 1200 mm
Edge finishing	tongue and groove
Board finishing	Multilayer aluminum foil on both sides
Colour	Black and grey upper facing / Black and grey under facing

PRODUCT R VALUE

THICKNESS	R VALUE
50 mm	R 2.25 m ² K/W
60 mm	R 2.70 m ² K/W
70 mm	R 3.15 m ² K/W
80 mm	R 3.60 m ² K/W
90 mm	R 4.05 m ² K/W
100 mm	R 4.50 m ² K/W



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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PROPERTIES

PROPERTIES	TEST METHOD	SOPRATHERM ALU FW WI
Designation	-	Rigid polyisocyanurate (PIR) foam
Density	-	29 kg/m ³ +/- 3%
Thermal conductivity (λ value)		
50 mm to 100 mm	EN 12667 / EN 12939	0.022 W/m·K
Compressive strength at 10% deformation	EN 826	CS(10\Y)150
Dimensional stability of length, width, and thickness	EN 1604	DS(70,90)3 %
		$\Delta L, l \leq 2 \%$
Closed cell content (uncorrected)	AS 2498.7	90%
Reaction to fire	EN 13501-1 / EN 15715	F

STORAGE AND HANDLING

Do not throw, use shockproof transport. Must be stored in a dry condition and protected from direct weathering.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, their representative or the contractor is responsible for checking the suitability of products for their intended use.



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