

MATT-FOIL

MF2-FR

FIRE RETARDANT GRADE CLASS "0"

High tensile double-sided radiant barrier woven foil

PRODUCT DESCRIPTION

MF2-FR is a five (5) layer double-sided fire retardant grade (Class'0') radiant barrier certified by JABATAN BOMBA DAN PENYELAMAT MALAYSIA. A lamination of 2 sides pure aluminium foil with high density polypropylene(HDPP) by a formulated fire retardant adhesive.

MF2-FR has high radiant heat reflectivity (>97%) and an excellent tear and puncture resistance. The outstanding strength of the HDPP woven intensifies the tensile strength and the self support properties.

MF2-FR is used as a self support foil eliminating extra cost on wire netting.

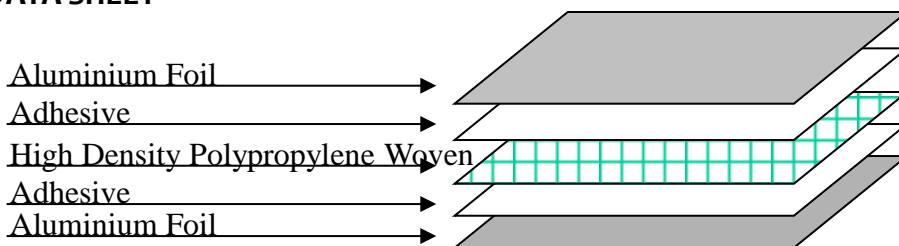
APPLICATIONS

It is widely used under all types of roof covering in residential, commercial and industrial buildings.

No netting is required.

Users are advised to install this product under glass fiber wool / rock wool and provide an air space of minimum three inches or seven points six centimeters between roofs to maximize the effectiveness of this product.

TECHNICAL DATA SHEET



Properties	Standard	Units	Value Matt-Foil (MF2-FR)
Grammage	Electronic Scale	GSM	130 - 150
Thickness	Digital Caliper	Micron	140 - 180
Tensile Strength - MD	ASTM D5035	N/25mm	420 - 500
- CD	ASTM D5035	N/25mm	420 - 500
Initial Tear Resistance - MD	ASTM D1004	N	35 - 40
- CD	ASTM D1004	N	40 - 46
Elongation - MD	ASTM D5035	%	45 - 55
- CD	ASTM D5035	%	40 - 50
Puncture Resistance	ASTM F1306 - 90	N	140 - 165
Water Vapour Transmission	ASTM E96	g/hr/m2	1.0 - 1.2
Radiant Heat Reflectivity	Supplier's Specifications	%	95
Surface Spread of Flame	BS: 476 Part 7 - 1997	Class	0

Technical information provided represents average result of tests conducted under standard procedure and are subject to variation. No guarantee can be made regarding specific applications or patent rights.

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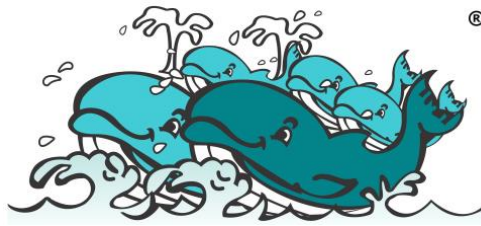
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PRODUCT PHOTO



ADDITIONAL CERTIFICATION



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