



MF-1M

High tensile single-sided aluminium radiant barrier woven film

MF-1M is a three (3) layer single-sided radiant barrier with excellent tear and punctures resistance and makes it easy to handle during construction.

MF-1M is an environmental friendly green product recognised through Green Building Index (GBI) by MGBC.

MF-1M is a lamination of aluminium film with high tensile polypropylene woven. The outstanding strength of aluminium film and HDPP woven intensifies the tensile strength and protecting it against tearing during installation. The property aluminium film is added for vapor, tear and puncture resistance.

MF-1M acts as a water proof sarking when installed beneath the primary roofing material, providing a vapour barrier against moisture penetration. It is lightweight, heavy duty in performance and does an excellent job at providing thermal insulation.

APPLICATIONS

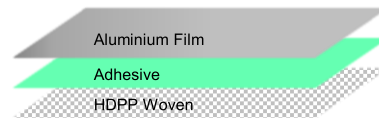
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- Users are advised to install this product under mineral wool and provide an air space of at least 3" (7.6 cm) below the roof to maximise the effectiveness of this product.



FRONT



BACK



SPECIFICATION	STANDARD	UNIT	RANGE	
Grammage	Electronic scale	GSM	90 - 100	
Thickness	Digital caliper	micron	120 - 140	
Water Vapor Transmission	ASTM E96	g/m ² /day	-	
Water Barrier	ASTM F 1249-06	g/m ² /day	0.22	
Reflectivity / Emissivity	Supplier's Specification	%	95% / 5%	
Tensile Strength	Machine direction	ASTM D882 - 02	N/25mm	400 - 550
	Cross direction	ASTM D882 - 02	N/25mm	400 - 550
Elongation	Machine direction	ASTM D882 - 02	%	15 - 20
	Cross direction	ASTM D882 - 02	%	15 - 20
Tear Strength	Machine direction	ASTM D1004	N	30 - 50
	Cross direction	ASTM D1004	N	30 - 50
Puncture Resistance	ASTM F 1306 - 90	N	120 - 160	
Classification of Fire Hazard	BS 476	Class	-	

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

Revision 1



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