



ATF1M-E5

Self-supporting single-sided light duty acoustic thermal EPE insulation aluminium film

ATF1M-E5 is a three (3) layer self-supporting single-sided acoustic thermal insulation radiant barrier. It has superior radiant heat reflective properties by reflecting more than 95% of radiant heat.

ATF1M-E5 is an environmental friendly green product recognised through Green Building Index (GBI) by MGBC.

ATF1M-E5 is a lamination of one side metalise film with self-supporting expanded polyethylene foam (EPE). EPE beads produce a very flexible open-cell foam which offers a some degree of resiliency. EPE's low thermal conductivity act as a good insulating material for walls, ceilings and roofs.

ATF1M-E5 can be used independently without wire netting or other mass insulation. It is water and leak proof, easy to be processed and installed.

APPLICATIONS

- Designed for thermal and sound insulation and suitable in the building and construction field where thermal insulation, moisture resistance, sound and vibration are critical.
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- Also suitable for duct insulation, tubular pipe and raised floor.

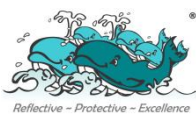


SPECIFICATION	STANDARD	UNIT	RANGE
Grammage	Electronic scale	GSM	110-140
Thickness	Digital caliper	micron	5(±1)
Water Vapor Transmission	ASTM F 1249-06	g/m ² /day	-
Water Barrier	ASTM F 1249-06	g/m ² /day	-
Reflectivity / Emissivity	Supplier's Specification	%	95/5
Tensile Strength - MD	Machine direction	In house	N/25mm 50-70
Tensile Strength - CD	Cross direction	In house	N/25mm 20-40
Elongation	Supplier's Specification	%	264-275
Puncture Resistance	In house	N	15-25
Sound Reduction	In house	%	6

* 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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