

TAC-828

Double-sided aluminium foil / film reinforced with polyester yarn

TAC-828 is a six (6) layer double-sided radiant barrier. It is an excellent thermal insulation foil either used on its own or laminated onto other insulation materials. It has superior radiant heat reflective properties by reflecting ~95% of radiant heat.

TAC-828 is an environmental friendly green product recognised through Green Building Index (GBI) by MGBC.

TAC-828 is a lamination of pure aluminium foil, aluminium film and high quality kraft paper reinforced with polyester yarn. The property of pure aluminium enhances the reflective index while aluminium film is added for vapor, tear and puncture resistance. The polyester yarn and high quality kraft paper increases its tensile strength.

TAC-828 is lightweight, heavy duty in performance and does an excellent job at providing thermal insulation.

APPLICATIONS

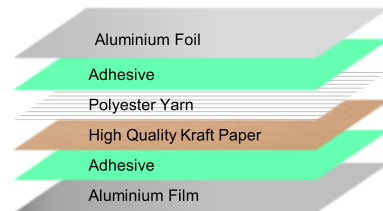
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- Can be used simultaneously with mineral wool in the form of felts, lamella mats, plain slabs, facing to ceiling boards and duct insulation for air-conditioning.



FRONT



BACK



SPECIFICATION		STANDARD	UNIT	RANGE
Grammage		Electronic scale	GSM	120 - 140
Thickness		Digital caliper	micron	180 - 210
Water Vapor Transmission		ASTM E96	g/m ² /day	-
Water Barrier		ASTM F 1249-06	g/m ² /day	0.08 - 0.2
Reflectivity / Emissivity		Supplier's Specification	%	95% / 5%
Tensile Strength	Machine direction	ASTM D882 - 02	N/25mm	150 - 170
	Cross direction	ASTM D882 - 02	N/25mm	90 - 110
Elongation	Machine direction	ASTM D882 - 02	%	8 - 11
	Cross direction	ASTM D882 - 02	%	10 - 13
Tear Strength	Machine direction	ASTM D1004	N	34 - 39
	Cross direction	ASTM D1004	N	27 - 35
Puncture Resistance		ASTM F 1306 - 90	N	26 - 30
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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