TAC-FOIL

PUNCTURE RESISTANCE | TEARING RESISTANCE | FIRE RETARDANT

TAC-810BS

Fire Retardant Class '1'

Fire retardant single-sided aluminium foil reinforced with glass fibre scrim

LISTED PRODUCT SIRIM Certificate No. LP023202

TAC-810BS is a four (4) layer fire retardant single-sided radiant barrier. It is an excellent thermal insulation foil as well as to produce strong radiant and vapour barrier by its own or laminated onto other insulation materials. It has superior radiant heat reflective properties by reflecting ~95% of radiant heat. **TAC-810BS** is a SIRIM certified product in accordance to British Standard 476 part 7 for Fire Safety Hazards Requirement

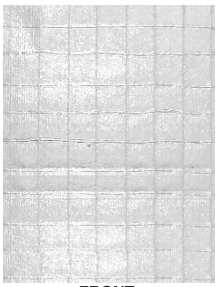
TAC-810BS s an environmental friendly green product recognised through Green Building Index (GBI) by MGBC.

TAC-810BS is a lamination of pure aluminium foil and high quality kraft paper reinforced with glass fibre scrim. The property of pure aluminium enhances the reflective index. Glass fibre scrim, a product of glass fibre filaments provides greater tensile strength.

TAC-810BS is lightweight, heavy duty in performance and does an excellent job at providing thermal insulation.

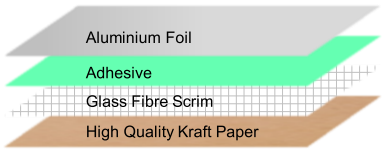
APPLICATIONS

- 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	110 - 120
Thickness		Digital caliper	micron	190 - 230
Water Vapor Transmission		ASTM E96	g/m²/day	-
Water Barrier		ASTM F 1249-06	g/m²/day	0.5 - 0.8
Reflectivity / Emissivity		Supplier's Specification	%	95% / 5%
Tensile Strength	Machine direction	ASTM D882 - 02	N/25mm	160 - 180
	Cross direction	ASTM D882 - 02	N/25mm	70 - 80
Elongation	Machine direction	ASTM D882 - 02	%	3 - 4
	Cross direction	ASTM D882 - 02	%	2 - 3
Tear Strength	Machine direction	ASTM D1004	N	14 - 16
	Cross direction	ASTM D1004	N	22 - 26
Puncture Resistance		ASTM F 1306 - 90	N	9.0 - 11.0
Classification of Fire Hazard		BS 476: Part 7	Class	1

* 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

Reflective ~ Protective ~ Excellence

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