TAC-FOIL

SELF SUPPORT | PUNCTURE RESISTANCE | TEARING RESISTANCE | FIRE RETARDANT

TAC-999BS

Fire Retardant Class '1'

Self-supporting fire retardant double-sided alumimiun foil / film reinforced with glass fibre scrim

LISTED PRODUCT SIRIM Certificate No. LP023202

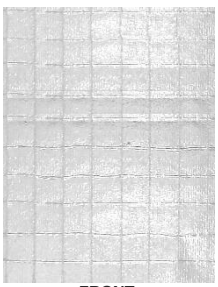
TAC-999BS is a six (6) layer self-supporting fire retardant double-sided radiant barrier. It is designed with outstanding fire retardant performance and high tensile strength which eliminates the usage and extra cost of wire mesh. It has superior radiant heat reflective properties by reflecting >97% of radiant heat. **TAC-999BS** is a SIRIM certified product in accordance to British Standard 476 part 7 for Fire Safety Hazards Requirement.

TAC-999BS is a lamination of aluminium foil, aluminium film and high quality kraft paper reinforced with glass fibre scrim. The property of pure aluminium enhance the reflective index while the aluminium film acts as a vapor barrier, and gives tear and puncture resistance. Glass fibre scrim, a product of glass fibre filaments provides greater tensile strength.

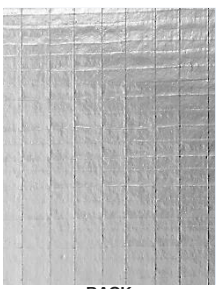
TAC-999BS with its extraordinary feature acts as a radiant and vapor barrier. It is flexible and lightweight coupled with its extreme tear and puncture resistance make installation easy.

APPLICATIONS

- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- No wire netting is required for support.



FRONT



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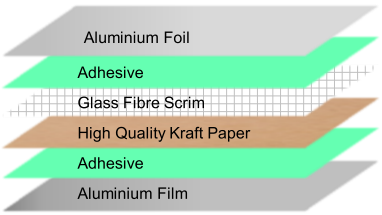

SPECIFICATION		STANDARD	UNIT	RANGE
Grammage		Electronic scale	GSM	140 - 150
Thickness		Digital caliper	micron	180 - 220
Water Vapor Transmission		ASTM E96	g/m²/day	-
Water Barrier		ASTM F 1249-06	g/m²/day	1.1 - 1.2
Reflectivity / Emissivity		Supplier's Specification	%	95% / 5%
Tensile Strength	Machine direction	ASTM D882 - 02	N/25mm	200 - 210
	Cross direction	ASTM D882 - 02	N/25mm	120 - 130
Elongation	Machine direction	ASTM D882 - 02	%	90 - 95
	Cross direction	ASTM D882 - 02	%	90 - 98
Tear Strength	Machine direction	ASTM D1004	N	24 - 26
	Cross direction	ASTM D1004	N	35 - 40
Puncture Resistance		ASTM F 1306 - 90	N	70 - 75
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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