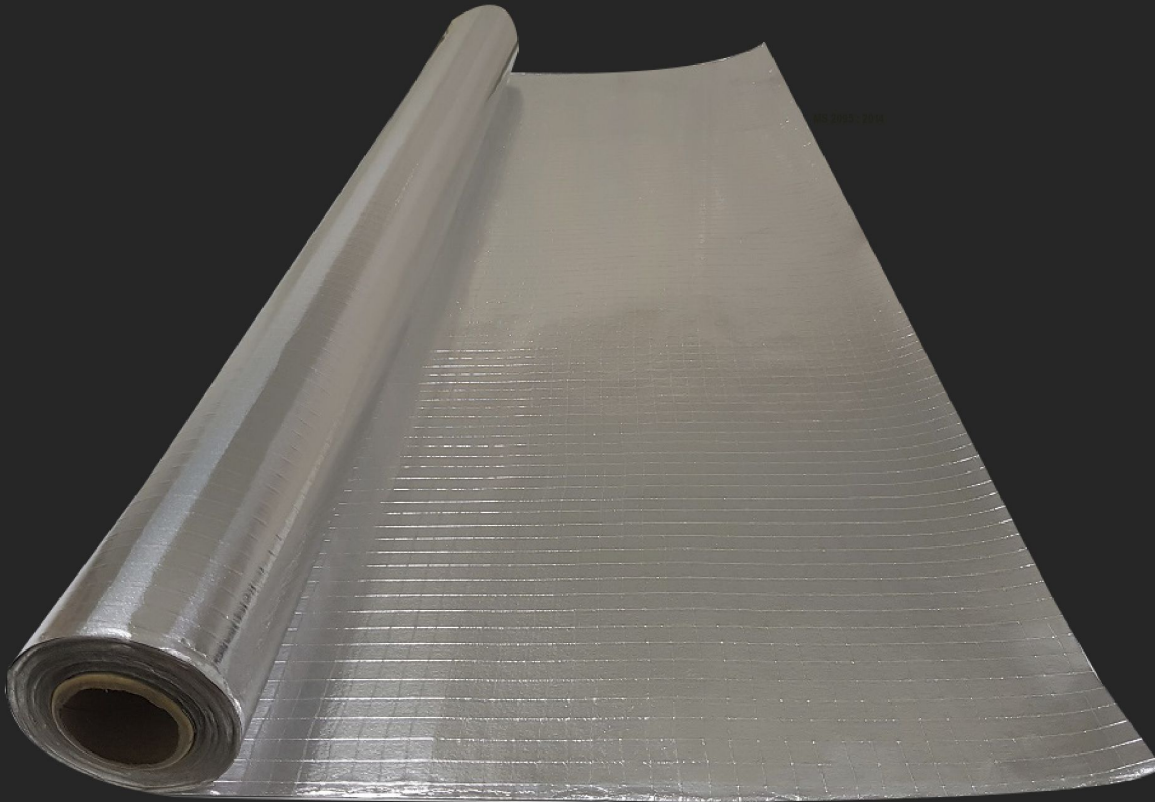




Reflective ~ Protective ~ Excellence  
**FOIL LAMINATE**



## TAC FOIL



VAPOR  
BARRIER



PUNCTURE  
RESISTANCE



TEAR  
RESISTANCE



FIRE  
RETARDANT

## TAC-880BS

### Product Description

TAC-880BS is a premium six (6) layer fire retardant double-sided radiant barrier, lamination of both sides pure aluminium foil and high quality kraft paper reinforced with glass fibre scrim. TAC-880BS is almost inflammable properties can either be used on its own or laminated onto other insulation materials. It is lightweight, light tensile strength and does an excellent job at providing thermal insulation for roofing systems.

## TAC-880BS



### FIRE PROPERTY

TAC-880BS is classified as **CLASS 'O'** in accordance to fire tests on building material and structures.

- British Standard, BS 476-6: Fire Propagation for products
- British Standard, BS 476-7: Surface spread of flame test

### AWARD

- Malaysian Standard, MS 2095:2014
- TUV SUD PSB Singapore
- Jabatan Bomba Dan Penyelamat Malaysia
- SIRIM
- CIDB - Perakuan Pematuhan Standard (PPS)

### THERMAL PROPERTY

TAC-880BS is tested in accordance to **ISO 8301 / MS ISO 8302**.

- Thermal resistance, R-value: 1.623 m<sup>2</sup>K/W
- Thermal transmittance, U-value: 0.616 W/m<sup>2</sup>K
- Thermal conductivity, K-value: 0.062 W/mK

### BQ SPECIFICATION

To supply and install TAC-FOIL TAC-880BS under MS2095:2014 and CIDB certified double-sided aluminium foil as described.

### Go GREEN

Environmental friendly green product recognized through

- Green Building Index (GBI) by MGBC

### APPLICATION

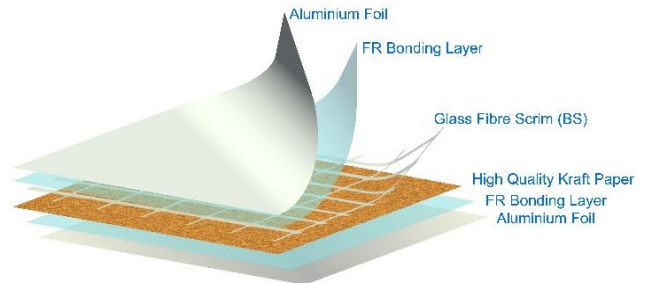
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- Its inflammable materials meet the requirement for pipe work and ducting insulation such as air-conditioning, petro-pipe, steam pipe and others.

### INSTALLATION GUIDELINE

- Users are advised to install this product by an air space of at least 2" (5.0 cm) below the roof to maximize the effectiveness of this product.
- Recommended to use with bulk insulation in the form of felts, lamella mats and plain slab.

TAC-FOIL, TAC-880BS (MS 2095 : 2014)			
Reflectivity / Emissivity	ASTM C1371	97% / 3%	
Tensile Strength (MD)	AS/NZ 1301.448s	≥ 7.5 kN/m	Light
Tensile Strength (CD)	AS/NZ 1301.448s	≥ 4.5 kN/m	Light
Edge Tear Resistance (MD)	TAPPI T470	≥ 30 N	Extra Light
Edge Tear Resistance (CD)	TAPPI T470	≥ 30 N	Extra Light
Vapor Barrier (WVTR)	ASTM E96	>7, < 450 MN.s/g	Medium
Surface Water Absorbency	AS/NZS 4201.6	≥ 100 g/m <sup>2</sup>	High
Resistance to Dry Delamination	AS/NZS 4201.1	No Delamination	Passed
Resistance to Wet Delamination	AS/NZS 4201.2	No Delamination	Passed
Shrinkage	AS/NZS 4201.3	< 0.5 %	Passed
Folding Endurance	AS/NZS 1301.423rp	MD > 2.0 Log 100 CD > 1.7 Log 50	Passed
Grammage	Electronic scale	130 - 190 GSM	
Thickness	Digital caliper	150 - 190 μm	
* 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.			
<b>Standard Size: 1.24m (Width) X 50m (Length)</b>			

TAC-880BS



FRONT



BACK



### FOIL LAMINATE INDUSTRIES SDN BHD (343587-X)

Factory / HQ: 1139, Lorong Perindustrian Bukit Minyak 11, Taman Perindustrian Bukit Minyak, 14100 Simpang Ampat, Penang, Malaysia.

Tel: 604-5011999

Fax: 604-5011991

Email: ask@foil-laminate.com

Branch Office: 11 (1<sup>st</sup> Floor), Jalan PJS 9/5, Bandar Sunway, 46150 Petaling Jaya, Selangor, Malaysia

Tel: 603-56214868

Fax: 603-56214878

Email: ask@foil-laminate.com

