

TAC-FOIL

TAC-880BS

Fire Retardant Class 'O'

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



TAC-880BS is a premium six (6) layer fire retardant double-sided radiant barrier. It has superior radiant heat reflective properties by reflecting ~95% of radiant heat. **TAC-880BS** is classified as Class 'O' in accordance to British Standard 476 Part 6 and 7 for Fire Safety Hazards Requirement and certified by Jabatan Bomba Dan Penyelamat Malaysia.

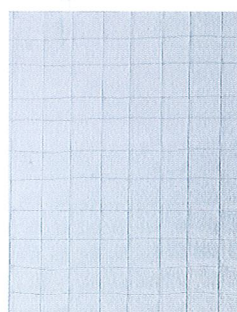
TAC-880BS is an environmental friendly green product recognised through Green Building Index (GBI) by MGBC and GreenTag by MGTC. It is a superior product with equivalent to FM Approval requirement.

TAC-880BS is a lamination of both sides pure aluminium foil and high quality kraft paper reinforced with glass fibre scrim. The property of its double layers pure aluminium added to its thickness enhances the reflective index. Glass fibre scrim, a product of glass fibre filaments together with kraft paper provides greater tensile strength.

TAC-880BS is almost inflammable properties can either be used on its own or laminated onto other insulation materials. It is lightweight, high tensile strength, heavy duty, and does an excellent job at providing thermal insulation for roofing systems

APPLICATIONS

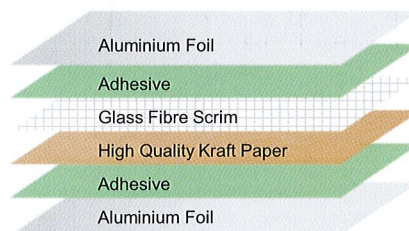
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- Its incombustible materials meet the requirement for pipe work and ducting insulation such as air-conditioning, petro-pipe, steam pipe and others.
- Can be used simultaneously with mineral wool 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	190 - 210
Thickness		Digital caliper	micron	210 - 250
Water Vapor Transmission		ASTM E96	g/m ² /day	-
Water Barrier		ASTM F 1249-06	g/m ² /day	0.13 - 0.35
Reflectivity / Emissivity		Supplier's Specification	%	95% / 5%
Tensile Strength	Machine direction	ASTM D882 - 02	N/25mm	136 - 160
	Cross direction	ASTM D882 - 02	N/25mm	72 - 100
Elongation	Machine direction	ASTM D882 - 02	%	2.0 - 2.8
	Cross direction	ASTM D882 - 02	%	3.0 - 3.7
Tear Strength	Machine direction	ASTM D1004	N	18 - 22
	Cross direction	ASTM D1004	N	30 - 35
Puncture Resistance		ASTM F 1306 - 90	N	20 - 23
Classification of Fire Hazard		BS 476: Part 6 and Part 7	Class	O
Resistance of Heat Transmission, R-value		ISO 8990:1994	m ² .K/W	0.24

* 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 2



FOIL LAMINATE INDUSTRIES SDN BHD (343587-X)

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

Tel: 604-5011999

Fax: 604-5011991

Email: enquiry@foil-laminate.com

Branch office: 11 (Ground & 1st Floor), Jalan PJS 9/5, Bandar Sunway, 46150 Petaling Jaya, Selangor, Malaysia

Tel: 603-56214868

Fax: 603-56214878

Email: sales@foil-laminate.com

www.foil-laminate.com

BUILDING RESOURCES GROUP PTE LTD

31 Tuas Avenue 8 | [Singapore 639245](#) | 6861-7091 | 6861-7092

Lists of Project Pipeline (Tac 880)

	Project Name
1	Warehouse Tender (Shipyard)
2	#21 BEDOK RIA CRESCENT
3	TPS @ JURONG ISLAND
4	6 Melrose Place
5	Sembawang Medical School
6	Yishun Primary School
7	14A East Coast Ave
8	Marina South Pier MRT Station
9	Roofing Work @ 5 Neythal Road
10	19 Jalan Kechubong
11	39 Ellington Square
12	Shipyard Project @ Tuas South Ave 16
13	Heeren Orchard
14	Qifa Pri. School @ 50 West Coast Ave
15	East Spring Primary School
16	ROOFING WORKS @ 230B Pandan Loop
17	9C Broadrick Road (Tanjong Katong Area)
18	Roofing Works @ Changi Prison Complex-Link Way
19	Roofing Works @ 20B Jalan Paras
20	No.32 Nassim Mansion
21	Lim chu kang Camp II
22	JS/DUCTING - IGC
23	River Valey High School @ 6 Boon Lay Avenue
24	National University of Singapore (NUS)
25	Boustead-Environmental SolutionS PL
26	Woodlands Bus Interchange
27	Bousted Invironment Solutions PL
28	Woodlands Bus Interchange
29	Pasir Ris Wholesale Centre
30	C933 Jalan besar Station
31	River Valey High School @ 6 Boon Lay Avenue
32	No.3 Bedok Ria Crescent
33	154 Gul Circle
34	21 Sunset Square
35	Dutchwich College @ Bt. Batok Ave 8
36	No. 3 Changi North Street 2
37	Nanyang View @ NTU

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	Project Name
38	Ngee Ann- Blk 37
39	88 Rifle Road
40	No. 63 Bedok Ria Crescent
41	17 Napier Rd.
42	535 Clementi Road
43	Training Facilities at Pasir Ris
44	5 Parktone Road
45	Tuas South Street 8
46	1 & 3 Siok wan Close
47	11 Michael Road
48	No.6 Third drive
49	16 Tuas Ave 3
50	23 Highland Close
51	1B Woolllerton park
52	11 Ontario Avenue
53	32 Joo Koon Road
54	173 Jalan Loyang Besar
55	15 Pioneer Turn
56	West Wood Show Flat @ Westwood Avenue
57	1 Empress place
58	211 Temp Sports Facility @ Sin Ming ave
59	Chuan Lim Cons -24 @ Resorts world
60	42 Lucky Height
61	120 Tampines Road
62	Brani Terminal- Brani Gate 2
63	Blk 105 Pasir Ris
64	Gek Poh Shopping Mall
65	23 Mei hwan Crescent
66	No. 105 Sunset Way
67	95 Sengkang East Avenue (LRT Depot)
68	Phase 6 Storage Tank Development at Pul
69	18 Tai Hwan Terrace
70	30 Jalan Elok
71	Changi Airport Terminal 4
72	LKC School of Medicine @ 50 Nanyang Ave
73	24 Prince Charles Crescent
74	8 Jalan Peradun

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	Project Name
75	Pasir Ris St. 12 - Blk 103
76	Meyappa Chettier Road, Potong Pasir Showflat
77	M1 Phase 2A No.9 International Business park
78	No.2 Jalan Ulu Siglap
79	Thomson Three
80	Jalan Papan - Dormitory
81	16 Storey Executive Condo Development
82	No.14 Green Leaf Place
83	Yumin Primary School
84	Marymount Convent School
85	Jurong Grease plant
86	Leng Kee CC
87	Cetral Christian Church
88	Sky Park Residences
89	Casuarina Primary School
90	Chongzheng & Yumin Primary School @ Tampines
91	Sling - Sunview way
92	Queenstown Secondary School
93	No.5 Namly Place