

**TAC-FOIL
TAC-810FR**

FIRE RETARDANT GRADE

Single-sided radiant barrier foil reinforced with polyester yarn

PRODUCT DESCRIPTION

TAC-810FR is a Fire Retardant four (4) layer thermal insulation paper foil laminated with pure aluminium foil reinforced with polyester yarn.

TAC-810FR acts as a Fire Retardant radiant barrier either used on its own or laminated onto other insulation materials. The property of pure aluminium enhance the reflective index while high quality kraft paper and polyester yarn increases its tensile strength.

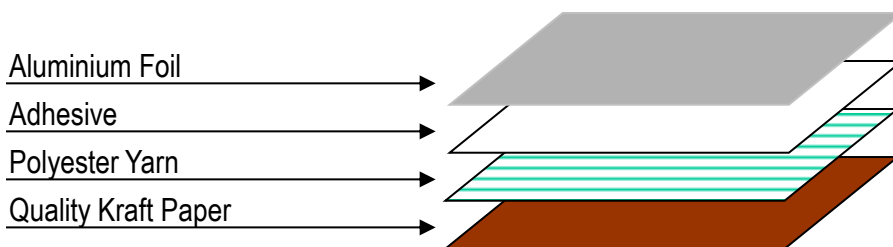
APPLICATIONS

Designed for use as a radiant barrier under roof covering and building insulation especially in tropical condition.

Widely used in warehouse, residential, industrial and commercial buildings.

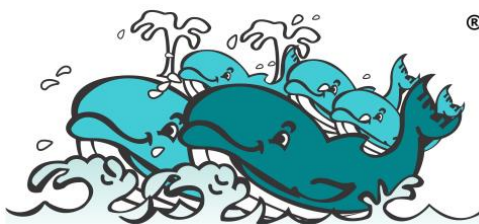
Can be used simultaneously with mineral wool, rock wool, glass wool in the form of felts, lamella mats, plain slabs, facing to ceiling boards and duct insulation for air-conditioning.

TECHNICAL DATA SHEET



Properties	Standard	Units	Value TAC-FOIL 810 FR
Grammage	Electronic Scale	GSM	100 – 110
Thickness	Digital Caliper	micron	140 – 170
Tensile Strength – MD	ASTM D882 - 02	N/25mm	130 – 150
CD	ASTM D882 - 02	N/25mm	50 – 70
Initial Tear Strength – MD	ASTM D 1004	N	9 – 12
CD	ASTM D 1004	N	20 – 24
Elongation – MD	ASTM D882 - 02	%	2 – 3
CD	ASTM D882 - 02	%	1.5 – 2.5
Puncture Resistance	ASTM F1306	N	9 – 11
Water Vapour Transmission	ASTM F1249 – 06	g/m ² /day	21.6 – 22.9
Reflectivity	Supplier's Spec	%	95
Surface Spread of Flame	BS:476 Part 7: 1997	Class	One

Technical information provided represents average result of tests conducted under standard procedure and are subject to variation. No guarantee can be made regarding specific applications or patent rights.



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PRODUCT PHOTO



ADDITIONAL CERTIFICATION



Head Office: Plot No.216(B), Lorong Perindustrian Bukit Minyak 11, Mukim 13, 14100 Seberang Prai Tengah, Pulau Pinang, Malaysia

Tel: 604 – 5011 999

Fax: 604 – 5011 991

Email: enquiry@foil-laminate.com

P.J. Office: 11 (Grd Flr), Jalan PJS 9/5, Bandar Sunway, 46150 Petaling Jaya, Selangor, Malaysia

Tel: 603- 5621 4868

Fax: 603-5621 4878

Email: sales@foil-laminate.com

www.foil-laminate.com