

SUN-FOIL®

Paper Series

Certified by CIDB

New and Improved Version

PA2-FR



Product Description

SUN-FOIL® PA2-FR is used as insulation against radiant heat transfer and can be used to its greatest advantage in instances where radiation is the predominant means of heat transfer.

SUN-FOIL® PA2-FR is an excellent reflector of all long wave radiant heat that strikes it - **DOUBLE SIDED REFLECTIVE OF UP TO 98%** of all radiant heat.

Fire Attributes

PA2-FR is classified as Class "O" in accordance to fire tests on building material and structures.

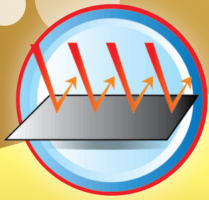
- i.) British Standard, BS 476-6 : Fire Propagation Test
- ii.) British Standard, BS 476-7 : Surface Spread of Flame Test

Thermal Properties

R-value, thermal resistance varies depending on the roof design and total roof configuration. Please contact our specialist for roof system that complying UBBL and Malaysia Standards.

Awards & Certificates

- Malaysia Standard - MS 2095, SIRIM QAS International Sdn. Bhd.
- TUV SUD PSB Singapore
- ISO 9001: 2015 & ISO 14001: 2015
- Jabatan Bomba dan Penyelamat Malaysia
- CIDB Malaysia
- Malaysia Green Building Confederation (MGBC)
- Asian Reflective Foil Association (ARFA)



Excellent Reflectivity
(98% on Both Surface)



Light Weight
(Yet Heavy Duty)



Edge Tear Resistance
(Resulting in Low Wastage)



Moist Barrier
Non-Delamination
(When Soak In Water)



Easy Installation
(Cost Effective)



CIDB PPS REG. NO:
1160504ML0121



ISO 9001:2015, ISO 14001:2015
CERTIFICATE NUMBER: JQS-23-0557, JES-23-0284

PAPER FOIL (Fire Retardant)

SUN-FOIL® PA2-FR is made by double sided high reflectivity pure aluminium bonded with a layer of reinforcement scrim. It provides excellent insulation properties and effective radiant barrier.

SUN-FOIL® PA2-FR is also flame retardant, waterproof, non-toxic, bacteria free, fungus and corrosion resistant.

TECHNICAL DATA

Description	Test Method	Unit	Value
Grammage	In House	g/m ²	165 ± 30
Thickness	In House	µm	150 ± 10
Tensile Strength	In House	N/50mm	MD ≥ 300 ± 50 CD ≥ 300 ± 50
Elongation	In House	%	MD ≥ 8 ± 3 CD ≥ 8 ± 3

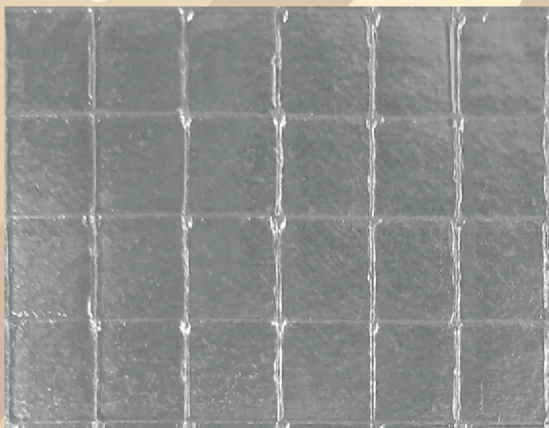
Technical Information provided represent average result of tests conducted under standard procedure and is subject to variation. No guarantee can be made regarding specific applications or patent rights.

BQ SPECIFICATION

One layer of approved YH "SUNFOIL" PA2-FR Double Sided Fire Retardant Aluminium Paper Foil reinforced with scrim approved with MS2095.

FIRE RETARDANT TEST FOR PA2-FR

CHARACTERISTIC	TEST METHOD	SPECIFICATION
Fire Propagation of Material Sub-Index, i_1, i_2, i_3 Overall Performance Index	BS 476 ; Part 6	< 6 < 12 (Sirim Report 2017FE0694)
Surface Flame Spread Test	BS 476 ; Part 7	Class 1 (Sirim Report 2017FE0695)
Classification of Fire Hazard		Class O



PA2-FR

Standard Roll Size: W 1.25m x L 48m



- Pure Aluminium
- FR PE Tie Layer
- Reinforcement Scrim
- Kraft Paper
- FR PE Tie Layer
- Pure Aluminium



YH LAMINATED PRODUCTS SDN. BHD. (959828-V)

Main Office : Lot 2996, Jalan PK 6, Kawasan Perindustrian Krubong, 75250 Melaka.
Sales Office : Lot 8352, Jalan PK 8E, Kawasan Perindustrian Krubong, 75250 Melaka.
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