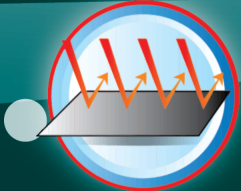


SUN-FOIL[®]

Bubble Series

New and Improved Version

Certified by CIDB



Excellent Reflectivity



Chicken Wire Mesh
(Not Required)



Edge Tear Resistance
(Resulting in Low Waste)



Moist Barrier
Non-Delamination
(When Soak In Water)



Easy Installation
(Cost Effective)



Noise Reduction

SB200-FR

Product Description

SUN-FOIL[®] SB200-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[®] SB200-FR is an excellent reflector of all long wave radiant heat that strikes it - **REFLECTIVE OF UP TO 97%** of all radiant heat.

Fire Attributes

SB200-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.
- ISO 9001: 2015 & ISO 14001: 2015
- Jabatan Bomba dan Penyelamat Malaysia
- CIDB Malaysia
- Malaysia Green Building Confederation (MGBC)
- Asian Reflective Foil Association (ARFA)



CIDB PPS REG. NO:
1160504/ML0121



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

BUBBLE FOIL (Fire Retardant)

SUN-FOIL® SB200-FR is double sided made by high reflectivity pure aluminium bonded with a layer of 10mm bubble diameter FR polyethylene bubble sheet and high quality reflective aluminium film by special FR bonding material. It provides excellent insulation properties and effective radiant barrier.

SUN-FOIL® SB200-FR is designed light-weight. It is easy to install as it does not require mesh due to high tensile strength and edge tear resistance.

SUN-FOIL® SB200-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	200 ± 10
Thickness	In House	mm	4.0 ± 1.0
Tensile Strength	AS/NZS 1301:448s	kN/m	MD ≥ 4.0 ± 1.0 CD ≥ 4.0 ± 1.0
Edge Tear	TAPPI T470	N	MD ≥ 110 ± 10 CD ≥ 110 ± 10

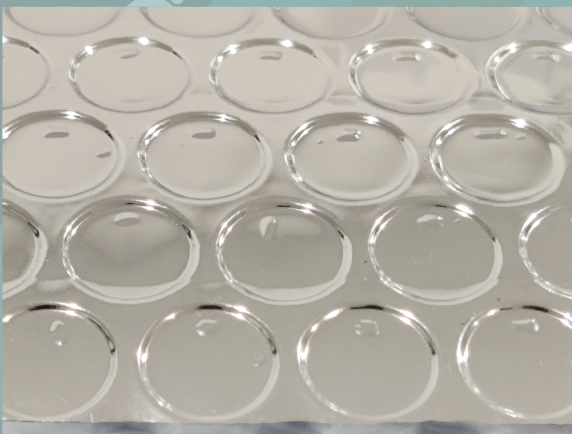
Technical Information provided represent average result of tests conducted under standard procedure and is subject to variation. No guarantee can be made regarding specific applications or patent rights.

BQ SPECIFICATION

One layer of approved YH
“SUNFOIL” SB200-FR (200g/m²)
Double Sided Fire Retardant Bubble
Foil fiberglass free with 4mm
thickness and 10mm bubble
diameter approved with MS 2095.

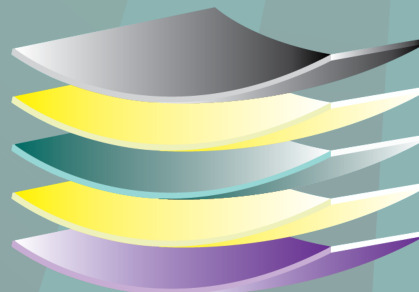
FIRE RETARDANT TEST FOR SB200-FR

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 2023FE0772)
Surface Flame Spread Test	BS 476 ; Part 7	Class 1 (Sirim Report 2023FE0773)
Classification of Fire Hazard		Class O



SB200-FR

Standard Roll Size: W 1.20m x L 40m



- Pure Aluminium
- FR PE Tie Layer
- FR Bubble Sheet
- FR PE Tie Layer
- Aluminium Film



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.
Factories : Lot 2995, Lot 8342, Lot 8343, Lot 8349, Lot 8350, Lot 8408, Kawasan Perindustrian Krubong, 75250 Melaka.

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