AIR-TAC BUBBLE FOIL

BB238C

Coated double-sided single layer small air bubble aluminium foil

BB238C is a eight (8) layer self-supporting double-sided radiant barrier. It has superior radiant heat reflective properties by reflecting ~ 95% of radiant heat.

BB238C is an environment friendly green product recognised through Green Building Index (GBI) by MGBC.

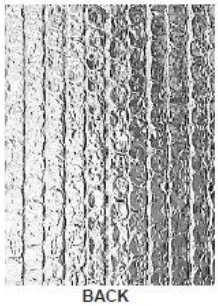
BB238C is a lamination of both side pure aluminium foil with high density polyethylene small air bubbles. The bubble pack retention air layer provides unique dual properties i.e. reflective and conductive insulation. The property of its double layers pure aluminium added to its thickness enhances the reflective index. A layer of protective coating added for low water pressure cleaning purpose. Also, its construction further reduces sound transmission by moderating sound waves and vibrations within the sealed air of the bubble pack.

BB238C can be used independently without wire mesh or other mass insulation. It serves as an effective thermal insulation as well as a vapor barrier membrane. It is tear resistant, hygienic, durable, fibre-free, nontoxic, resistance to fungus, insects, nesting rodents and other pests.

APPLICATIONS

- It widely used under roof for food industry, farmhouse, agricultural storage and poultry building.
- Highly recommended for building or construction which required superior radiant heat insulation and dominant tensile strength for heavy duty roof systems.
- No wire netting is required for support.
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.


FRONT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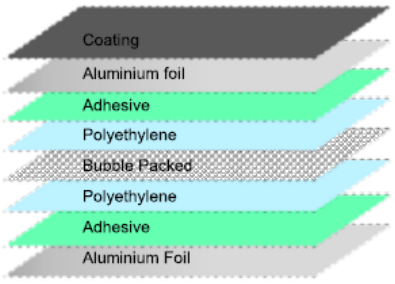

SPECIFICATION	STANDARD	UNIT	RANGE
Grammage	Electronic Scale	GSM	150 - 180
Thickness	Digital Caliper	mm	3±1
Reflectivity	Supplier's specification	%	≥ 95%
Tensile Strength Machine Direction Cross Direction	 ASTM D882 (in-house) ASTM D882 (in-house)	 N/25mm N/25mm	 30 - 50 25 - 35
Elongation Machine Direction Cross Direction	 ASTM D882 (in-house) ASTM D882 (in-house)	 % %	 ≥ 30 ≥ 30
Tear Strength Machine Direction Cross Direction	 T470 (in-house) T470 (in-house)	 N N	 25 - 35 25 - 35
Puncture Resistance	ASTM F1306 -90 (in-house)	N	20 - 30

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.

Reflective ~ Protective ~ Excellence

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 (1st Floor), Jalan PJS 9/5, Bandar Sunway, 46150 Petaling Jaya, Selangor, Malaysia
Tel: 603-56214868 Fax: 603-56214878 Email: ask@foil-laminate.com
www.foil-laminate.com