AIR-TAC BUBBLE FOIL

BB138

Single-sided single layer small air bubble aluminium foil

BB138 is a five (5) layer single-sided radiant barrier. It has superior radiant heat reflective properties by reflecting ~ 95% of radiant heat.

BB138 is an environment friendly green product recognised through Green Building Index (GBI) by MGBC.

BB138 is a lamination of 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 pure aluminium added to its thickness enhances the reflective index. Also, its construction further reduces sound transmission by moderating sound waves and vibrations within the sealed air of the bubble pack.

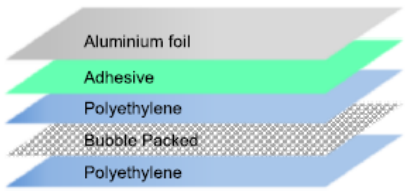
BB138 can be used independently without wire mesh or other mass insulation. It serves as an effective thermal insulation as well as a vapor barrier membrane. It is tear resistant, hygienic, durable, fibre-free, nontoxic, resistance to fungus, insects, nesting rodents and other pests.

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.
- No wire netting is required for support.
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.


FRONT


BACK



SPECIFICATION	STANDARD	UNIT	RANGE
Grammage	Electronic Scale	GSM	135 - 165
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 - 40 20 - 30
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	 20 - 30 20 - 30
Puncture Resistance	ASTM F1306 -90 (in-house)	N	15 - 25

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

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