

AIR-TAC BUBBLE-FOIL BB238-170

FIRE RETARDANT GRADE

Double-Sided Single Layer Air Bubble Reflective Radiant Barrier Foil

PRODUCT DESCRIPTION

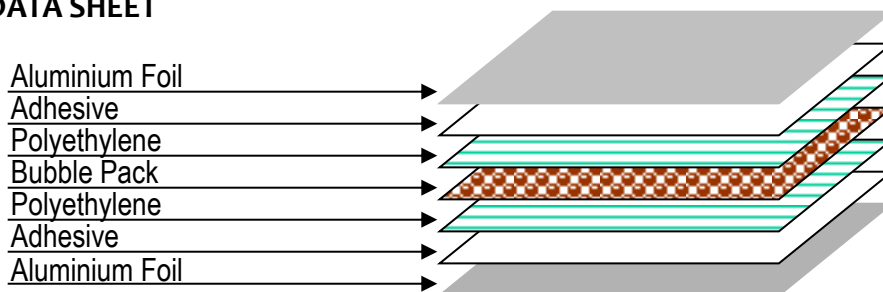
BB238-170 is a seven (7) layer double-sided fire retardant grade (Class 1) radiant barrier. It reflects >97% of radiant heat and acts as a sound insulation achieving the sound transmission of class 5 (STC5) in accordance to ASTM E90-90. It is a laminate of high density polyethylene air bubbles with double sided pure aluminium foil.

BB238-170 is highly recommended to be used without other mass insulation as its retention air layer provides a unique dual properties ie. reflective and conductive insulation. It is durable, fibre free, non toxic, resistance to fungus, insects, nesting rodents and pest.

APPLICATIONS

It widely used under roof for food industry, farm house, agricultural storage and poultry building.

TECHNICAL DATA SHEET



Properties	Standard	Units	Value BB 238
Grammage	Electronic Scale	GSM	210 – 230
Thickness	Digital Caliper	mm	3.4 – 3.7
Tensile Strength – MD	ASTM D882 – 02	N/25mm	52 – 57
– CD	ASTM D882 – 02	N/25mm	48 – 53
Initial Tear Strength – MD	ASTM D1004	N	17.1 – 18
– CD	ASTM D1004	N	19.4 – 20
Elongation – MD	ASTM D882 – 02	%	60 – 70
– CD	ASTM D882 – 02	%	31 – 40
Puncture Resistance	ASTM F1306	N	25 – 30
Water Vapour Transmission	ASTM F1249 – 06	g/m ² /day	350 – 550
Radiant Heat Reflectivity	Supplier's Specification	%	95
Surface Spread of Flame	BS476: Part 7: 1997	Class	1
Sound Transmission	ASTM E90 – 1990	Class	STC 5
R Value	ISO 8990 : 1994	m ² .K/W	0.33
K Value	ISO 8990 : 1994	W/m.K	0.02

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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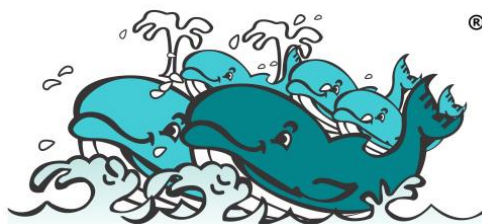
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PRODUCT PHOTO



BB238-170

Fire Retardant Grade

Double-sided single layer air bubble reflective radiant barrier foil

ADDITIONAL CERTIFICATION

greenpages
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