

Product Specification

BubbleQuilt

Description

Multi-layered foil blanket insulation.

The product is designed for use in packaging as a reflective insulation for pallet covers and other packaging uses.

Product Composition

Product	Thickness	Tolerance
2 layer Metalized bubble construction	3.7mm	+10% / -10%
Expanded Polyethylene	0.7mm	+20% / -20%
Metallised Polyethylene Terephthalate	10µ	+10% / -10%
Polyester Wadding	10mm	+10% / -10%
Metallised Polyethylene Terephthalate	10µ	+10% / -10%
Expanded Polyethylene	0.7mm	+20% / -20%
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Expanded Polyethylene	0.7mm	+20% / -20%
2 layer Metalized bubble construction	3.7mm	+10% / -10%

Product Characteristics

Attribute	Dimension	Tolerance
Thickness	47mm	42mm – 52mm
Width	1.2m, 1.5m	+5mm / -5mm
Length	12.5m, or to order	+100mm / -100mm
Product Weight	740g/m ²	+10% / -10%

Technical Performance

Properties	Unit	Nominal Value
Emissivity of lacquered foil surface	[ε]	0.10 or less
Thermal resistance	[W/m ² K]	TBC

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Product	Diameter Ø	Approx Weight	Product Code	Barcode
1500mm x 12.5m	TBC	11.1 Kg	TBC	
1200mm x 10m	TBC	13.9 Kg	TBC	

Presentation

Product to be tightly-wound. Product label marked with length, width, manufacture date/batch code to be fixed to roll. Roll to be wrapped in a strong LDPE bag and the bag secured with a wire or plastic tie.

Product is to be of good uniform appearance, with no visual defects. All layers to be present in correct configuration. Stitching to be continuous with no more than 300mm breaks.

Batch Information

The product label is to be date stamped in the allocated space “YYDDD-OO” where YYDDD is a date code used for batching purpose and OO is the operator code. The rolls will be sequentially numbered.

Quality Control

Product components must be chosen to give adequate durability and chemical resistance in end use (building construction).

Product must be routinely checked by operators to ensure continued conformity (10% of batch). Product must be sampled and quality checked at the start of conforming material and at any shift change, by YBS technical department.

No changes to be made to the raw materials or construction process without evidence that this specification will continue to be met, and without a completed and signed New Material Approval Form (NMAF).

Storage

Store away from flammable materials or ignition sources.