



Vapour Clad

Product Description

Ultra Vapour Clad is a multi-layered peel off laminate covering, requiring no additional mastics or adhesives to create a seal. It is an advanced and economical alternative for replacement of mastics, glass fibre cloth, butyl sheeting and other insulation coverings. Its excellent weathering properties make it ideal for both indoor & outdoor applications.

Construction

Five ply, UV coat aluminium/polyester/aluminium/polyester/aluminium laminate with pressure sensitive adhesive and release paper liner.

Installation

Vapour Clad is quick and easy to install, which eliminates the need for expensive off-site fabrication. As Vapour Clad is an adhesive tape product, it doesn't require any screws, rivets or sealants, which reduces the possibility of human error.

Vapour Clad is lightweight, flexible and easy to cut without the need for any specialist tools, allowing for low labour cost. Vapour Clad's multi-layer, laminated construction provides resistance to absolute water vapour and other harsh environmental conditions. Vapour Clad can be used over most types of thermal insulation, including: cellular glass, polyurethane, polyisocyanurate, polystyrene and rigid fibrous.

Typical Physical Properties

PROPERTY	TYPICAL VALUES	METHOD
Material Thickness Without Liner	5.2 mils (0.133mm) – Smooth 9.4 mils (0.240mm) – Emboss	- -
Overlap Adhesion	60 oz/inch	(ASTM D1000)
Tensile Strength	81.1 MPa	(ISO 527-3)
Tear Strength	72.23 N	(ISO 34-1)
Bursting Strength	1172 KPa	(ASTM D3786)
Puncture Resistance	105.4 N	(FTMS 101C2065.1)
Elongation	128%	(ISO 527-3)
Water Vapour Permeance	0.00 perm	(ASTM E96)
Service Temperature	-40°C to + 120°C	-
Flame/Smoke Rating	<25/50, Class 1/Class A Class 'O'	(ASTM E84) (BS476 Parts 6 & 7)

Product Image



Vapour Clad data values are believed to be correct at time of publishing and care should be taken on selecting product type for application.

Available Width

500mm, 1000mm & 1220mm for Smooth and Embossed Finish

Colour

Silver, White and Black