

KlasseCLAD™ Foil Barrier Jacketing

Construction:

5 ply, UV coat and multilayered laminate with pressure sensitive adhesive and release paper liner

Feature:

KlasseCLAD™ is a peel off and self-adhesive design requiring no additional mastics or adhesives to create a seal. It is an advanced and economical alternative insulation for replacement of mastics, glass fibre cloth, butyl sheeting, and other types of insulation materials. Its excellent weathering properties make it suitable for both indoor & outdoor applications.

KlasseCLAD™ installs easily and fast, which eliminates the need for expensive off-site fabrication. An adhesive taped product requires no screws, velvets or sealants, reducing the possibility of human error and repair. It is lightweight, flexible and easy to cut without special tools, allowing for low labour cost. Multi-layer laminated construction provides resistance to absolute moisture ingress and other harsh environmental conditions.

KlasseCLAD™ can be used over most types of thermal insulation including cellular glass, polyurethane, polyisocyanurate, polystyrene and rigid fibrous.

Property	Typical Value
Material Thickness	5.2 mils (0.133mm) – Smooth
Without liner	9.4 mils (0.240mm) – Emboss
Peel Adhesion	20.3 N/25mm
Shear Adhesion	>72 hrs
Tensile Strength	315N/25mm
Puncture	277.5 N
Elongation	98%
Water Vapour Permeance	<0.0005g/m ² .24hrs
Service Temperature	-70°C to + 150°C
Flame/Smoke Rating	<25/50, Class 1/Class A BS476 parts 6 & 7, Class 'O'



Available sizes:

500mm x 50m rolls

Colours available:

Silver, White and Black

Finishes available:

Silver: Smooth or Embossed

White and Black: Smooth.

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because Klasse cannot accept responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.