

# EvaVap - Air & Vapour Control Layer (AVCL) Self-adhesive Vapour Barrier

**EvaVap is a self-adhesive bituminous waterproofing membrane that forms a total barrier against vapour and gases.**

**It consists of a self-adhesive low-thickness bituminous compound self protected by a glass fibre and a reinforced aluminium film.**

**The glass fibre and polyester reinforcement makes the Membrane resistant to heavy worksite traffic.**



## Benefits of EvaVap

### The Product

- Vapour, Radon and Methane Gas Barrier;
- Reinforced with glass fibre;
- Protected with reinforced aluminium film;
- Excellent puncture resistance and tensile strength
- Cold applied without use of flames;
- Waterproof & Self-adhesive;
- Polyester surface accepts most polyurethane adhesives

### Advantages

- Quick installation;
- Installation does not require skilled personnel;
- Elimination of risks deriving from the use of open flames;
- Unaffected by environmental pollution and ozone;
- Compatible with most waterproofing systems.

### Uses

- For use in mechanically fastened and adhered roofing systems
- Vapour, radon and methane gas barrier for composite multilayer roofing and waterproofing;

### Surface Preparation and Installation

All surfaces on which EvaVap Waterproofing membranes have to be installed must be dry, clean, smooth and free of impurities.

If the surface is porous, apply a coat of ICB Primer as per instructions.

The use of ICB Primer where application is to new, clean and oil free metal is generally not required. If in doubt prime with ICB Primer.

To achieve the best result, proceed as follows: always start by laying the rolls from the lowest point and work upwards, being careful not to create counter-gradient overlaps. The membrane must be overlap at the edge by at least 6/8 cm and on the top by at least 15 cm.

After installation, press the membrane well, being very careful not to trap air pockets and about details such as corners, edges, connections and overlap. This membrane features an outer polyester film and cannot therefore be exposed directly to the sun for prolonged periods.

### Usage:

Ensure temperature and surfaces are within the application temperature guidelines (see above)

### Storage:

The quality and the characteristics of materials remain unaltered for a very long time. It is however best to use the product within 12 months. For correct storage, a dry, covered place is best at a temperature between +5°C and +40°C. The product is not affected by frost.

### Traffic:

EvaVap is not suitable for withstanding pedestrian and vehicle traffic.

### Caution and Safety:

The material is not hazardous for normal uses and when used by skilled persons. In particular conditions, it is possible to cut or injure oneself, wear protective gloves when working, keep out of reach of children. For further information refer to the Safety Data Sheet.

The manufacturer disclaims all liability for product use and applications.

# EvaVap - Air & Vapour Control Layer (AVCL)

## Self-adhesive Vapour Barrier

Characteristics	Value	Test
Thickness	0.6mm	EN 1849-1
Tensile Strength	Long.>850 N/50mm   Trans.>850 N/50mm	EN 12311-1
Elongation at Break	Long.>8,5%   Trans.>8,5%	EN12311-1
Static Load Resistance	Met.A15Kg   Met.B20Kg	EN12730
Tear Resistance	Long.70N   Trans.70N	EN12310-1
Peel Resistance of Joints	35N / 50mm	EN12316-1
Impermeability	≥ 60 Kpa	EN1928
Vapour Transmission Rate	Sd ≥ 1500m	EN1931
Radon Transmission Rate	0.47 x 10 <sup>-9</sup> m/s	SP Swedish Nat. Testing & Research Institute
Permeability to Radon Gas	0.56 x 10 <sup>-12</sup> m <sup>2</sup> /s	SP Swedish Nat. Testing & Research Institute
Permeability to Methane Gas	< 5 cc/m <sup>2</sup> x 24h x atm	CSI Method
Application Temperature	+5°C / +45°C	-
Service Temperature	-40°C / +80°C	-
Classification for Transport:	Not Applicable.	
Inflammability classification:	B2 (DIN 4102).	
Reaction to Fire	E (EN 11925 – 2; EN 13501 -1)	
1.080 m x 40 m, thickness 0.6 mm,25 rolls per pallet		
The rolls are packed individually in cardboard boxes and placed on pallets.		



ICB (Waterproofing) Ltd  
Units 9-11 Fleets Industrial Estate,  
Willis Way,  
Poole,  
BH15 3SU

Tel: 01202 785200  
Fax: 01202 785201

Email: [info@icb.uk.com](mailto:info@icb.uk.com)