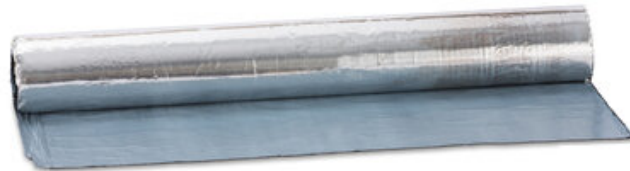


FF816 Self-adhesive VCL with aluminium foil

Product Description

FF816 Self-adhesive VCL is a self-adhesive vapour barrier and bituminous waterproofing membrane that forms a total barrier against vapour and gases. It consists of a self-adhesive, low thickness SBS polymers bituminous compound self-protected on the top side by reinforced aluminium film and has a releasable film on the bottom side.



Characteristics

- Waterproof & self-adhesive
- Cold applied without use of flames
- Vapour, radon and methane gas barrier
- Protected with reinforced aluminium film
- Excellent puncture resistance
- Self healing around fixings

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 other waterproofing systems

Fatra FF816 Self-adhesive VCL with aluminium foil	
Thickness	1.0 mm
Roll size	30 m x 1.0 m (30 m ²)
Underside Facing	SB Bituminous compound with release film
Top facing	Polyester coated aluminium foil
Vapour resistance	20,000MNs/g

Surface Preparation and Installation

Prior to application of FF816, all surfaces must be dry, clean, smooth and free of impurities. Prime the substrate with FF817 Primer prior to adhering the membrane.

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 overlap at the edge by at least 70mm and at roll ends by at least 150mm.

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

Technical Data

FF816 Self-adhesive VCL with aluminium foil		
Characteristic	Values	Test
Thickness	1.0mm	
Reaction to fire	E	UNE-EN 11925-2; UNE-EN 13501-1
External fire behaviour	Froof	UNE-EN 1187
Creep resistance at high temperatures (°C)	>70	UN-EN 1110
Mass per unit area (nominal) (kg/m ²)	1.2	
Tear Resistance N/5cm	Long.200+/-100 Trans.200+/-100	EN 12310-1
Recycled content afterword the consumer (%)	35	
Permeability	≥ 60 Kpa	EN 1928
Vapour Transmission Rate	Sd ≥ 2000m	EN 1931
Radon diffusion coefficient (m ² / s)	< 1.0, Exp -13	SP Swedish Nat. Testing & Research Institute
Resistance to root penetration	Fail	EN 13984
Volatile organic compounds (COV's) (µg/m ³)	50 (A+)	ISO 16000-6:2006
Application Temperature	+5°C / +45°C	-
Low temperature flexibility (°C)	<-15°C	-