

Data Sheet

Self Adhesive Vapour Barrier

Description

Self adhesive bituminous waterproofing membrane that forms a total barrier against vapour. The product consists of a self-adhesive low-thickness bituminous compound, self protected by a reinforced aluminium foil and fibreglass net. The composed film makes the membrane resistant to heavy work site traffic and suitable for applications that involve high mechanical stresses.

Application Fields

- Total Vapour Barrier for applications on metal decks
- Total Vapour Barrier for composite multilayer insulation systems
- Carrier membrane for composite multilayer insulation systems
- Provides a surface on which most polyurethane adhesives and liquid waterproofing systems will adhere strongly

Surface Preparation

All surfaces prior to installation must be dry, clean, smooth and free of impurities. If the surface is porous, apply a coat of Primer in a quantity of 75 - 150 g/sqm.

The use of primer is in any case advisable, and the manufacturers instructions must be followed. A wrong use of primer can influence the membrane efficiency.

Packaging

Standard lengths: 40m
Standard thickness: 0.6mm
Standard width: 1080mm
Roll Weight: 32kg

Storage

The quality and characteristics of the materials remain unaltered for a long period of time. However, it is recommended to use the product within 12 months from production date. The product must be stored in the original and unopened packaging in a dry and well ventilated place at a temperature between +5°C and +40°C. Storage above 50°C may lead to difficulties in removing the release liner when applying. The product is not affected by frost.

Technical data

MAIN CHARACTERISTIC	VALUE	TEST
Thickness (mm)	0.6*	EN 1849-1
Tensile Strength L / T (N/50mm)	800/800	EN 12311-1
Elongation at Break L / T (%)	5 / 5	EN 12311-11
Tear Resistance L / T (N)	200 / 200	EN 12310-1
Peel Resistance of joints (N/50mm)	40	EN 12316-1
Shear Resistance of joints L / T (N/50mm)	400 / 400	EN12317-1
Impermeability	Pass (≥60KPa)	EN 1928
Water Vapour Impemeability	Pass (Sd≥1500m)	ISO EN 12572
Reaction to fire	E	EN 13501-1
Application Temperature (°C)	5 ÷ 45	
Service Temperature (°C)	-40 ÷ 80	
Total Volatile Organic Compound emission (µg/m ³)	8	ISO 16000-6

Complying with EN 13969 type A and T; EN 13970; EN 13707