

Premseal 100

Cold applied adhesive waterproof membrane

Composition

Premseal 100 is comprised of a tough sheeting of cross-laminated orientated high-density polyethylene coated with a strongly adhesive polymer modified bitumen compound. The adhesive surface is protected by a paper interleave which is wider than the membrane for easy release during application. To ensure thorough sealing at overlaps there is a double-sided adhesive strip along the edge covered by a separate interleaving strip.

Uses

Premseal 100 is designed for internal and external tanking to prevent ingress of water into buildings and to protect building structures, culverts, etc. from the effect of chlorides, sulphates etc. in ground water and soil.

Service Temperature: -20°C to 60°C

Characteristics

Premseal 100 is:

- resistant to water, water vapour and gases,
- resistant to acids, alkalis and salts, and
- has excellent conformability and adhesion.

Application

See *Instructions for Use* for additional detail.

Recommended primer: Premseal Primer

Application Temperature: 5°C to 45°C

Availability

Premseal 100 is available in 19.1 meter rolls and 1.05 meter width.

Storage conditions

Store in a cool and dry place in original packaging.

Waste material

Please do not discard waste material, including packaging, in the surrounding environment. Please follow all relevant legislation for disposal.

Typical Properties

Thickness		
Backing	0.10 mm	
Adhesive	1.50 mm	
Total	1.60 mm	
Adhesive Edge Width	50 mm	
Weight	1.58 kg/m ²	
Weight per 20m ² roll	34kg	
Core Size	76 mm I.D.	
Membrane Strength	5 N/mm	
Elongation @ Break	200%	
Tear strength	30 N	ASTM D1004
Adhesion Peel Strength	3.0 N/mm	ASTM D1000
Puncture resistance	300 N	ASTM E154
Water Vapour Permeability (25°C, 75% RH)	0.25g/m ² /24h	
Dimensional Stability 10 Day @70°C	< ±0.5%	

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