

PREMSEAL™ REINFORCING TAPE

Reinforcement for Premseal™ GMA Membrane

Description

A cold applied, self-adhesive bituminous compound, backed with a biaxially oriented and cross laminated HDPE.

Uses

Reinforcement of Premseal™ GMA for gas proofing on landfill sites, radon affected areas, redeveloped contaminated sites such as town gas works and tunnels. Provides reinforcement for edge and corner details.

Features

- Simple and easy to apply with no special tools required
- Flexible and robust
- Water and vapour resistant
- Permanently flexible
- Can help prevent mould by sealing out moisture

Application

Apply Premseal™ GMA as per application instructions. Ensure that surface is free from dirt, dust and contamination.

In cold weather, it is preferable to warm up the surface and the tape to at least 15°C before application.

Unwind and cut tape to required length. Peel back about 5 cm of the release liner and with firm pressure apply the product to the surface. Ensure intimate contact is made and that no air is trapped. Mould the tape around bends and corners. Using a cloth or small roller, ensure that all edges and overlaps are forming proper seals and installed in a manner where they will be self-draining. Any overlaps should be at least 25 mm.



Premseal™ Reinforcing Tape

Property Specifications

PROPERTIES	VALUE
Thickness	
Backing	0.10 mm
Adhesive	1.40 mm
Total	1.50 ± 0.20 mm
Weight	1.60 ± 0.16 kg/m ²
Break Strength (ASTM D1000)	5.0 N/mm
Elongation at Break (ASTM D1000)	300%
Adhesion Peel Strength (ASTM D1000)	
180° To Steel	3.0 N/mm min.
Puncture Resistance (ASTM E154)	230 N
Impact Resistance (ASTM G14)	1.3 J
Tear Strength (ASTM D1004)	30 N
Water Vapour Transmission Rate (ASTM E96)	0.30 g/m ² .24h
Water Penetration - Joint (MOAT 27:5.1.4)	Nil
Dimensional Stability (ASTM D1204)	-0.2%
Application Temperature	15°C to 45°C
Service Temperature	-10°C to 90°C
Peak Temperature	95°C
Product Size	300 mm x 20 m

STORAGE: Store in a cool, dry area.



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