



PREMSEAL 450

DESCRIPTION	Premseal 450 is a cold applied adhesive waterproof membrane. Designed for the waterproofing of bridges, car park decks and trafficked structures which will be topped with a hot premix wearing course. Suitable for new construction, refurbishment and repair application to be topped with hot premix.
COMPOSITION	A woven polypropylene sheeting coated with a strong adhesive polymer modified bitumen compound. The adhesive surface is protected by a disposable paper interleaving 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.
SAFETY	Normal hygiene procedures. Wash hands thoroughly with soap and water or a proprietary hand-cleaner prior to eating or smoking. Launder contaminated clothing, gloves, etc.
STORAGE	Store in original containers in a cool dry place. Maximum recommended shelf life : 6 months.

PREMSEAL 450 (cont.)

TYPICAL PROPERTIES	TEST METHOD	DATA
DIMENSIONS		
Backing Thickness	-	0.45mm
Backing Type	ASTM E154	PP-weave
Adhesive Thickness	ASTM D1004	1.50mm
Total Thickness		1.80
Width		1000mm
Length		20m
Weight		1.7kg/m ²
Carton Size		240x240 x1100 mm
Carton Weight		35 kg
MECHANICAL PROPERTIES		
Membrane Strength	ASTM D1000	25.0 N/mm
Elongation	ASTM D1000	50%
Puncture Resistance	ASTM E154	900N
Adhesion (180° Peel)	ASTM D1000	Min 2.5N/mm
FUNCTIONAL DATA		
Water Vapour Transmission	ASTM E96	0.5 g/m ² /24h
Water Penetration % Joint	MOAT 27 5.1.4	Nil
Dimensional Stability	MOAT 27 5.1.6 (80°C)	Nil
Longitudinal		Nil
Lateral		Movement

Important

Winn & Coales / Denso SA (Pty) Ltd pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request.

Denso SA (Pty) Ltd operate a Quality Management System registered to ISO 9001:2008.