

Description:	Premseal Tilesafe Membrane is a unique heavy duty self adhesive waterproofing membrane, which facilitates instant waterproofing and tiling.
Composition:	Consists of a thick rubberised bitumen adhesive waterproofing membrane, backed with a woven fibreglass mesh which provides an initial key to the tile adhesive which then forms a permanent bond to the bitumen membrane.
Characteristics:	<ul style="list-style-type: none"> • provides complete protection from water damage to the substrate as well as preventing leakages through floors, balconies etc. • sticks and bonds rapidly and permanently to clean dry surfaces • fast and simple to apply, no special tools or drying required • flexible, long lasting, self sealing to minor substrate blemishes • helps prevent mould growth by sealing out moisture • no volatile components
Uses:	Developed to provide absolute and long-term waterproofing for balconies, bath/shower and other tiled areas whilst facilitating instant tiling.
Surface Preparation & Application:	<p>Ensure that surface is free from dirt, dust, contamination and if possible dry. Remove any loose material using a scraper or wire brush.</p> <p>To promote adhesion in cold weather it is preferable to warm up the tape to at least 15°C before application.</p> <p>Prime surface with a bitumen based primer such as Denso Primer D or Denso Penetrating Primer and put double sided tape on all side and end butt joints before the application of the membrane.</p> <p>Unwind and cut membrane to required length. Peel back about 5cm of the release liner and with firm pressure apply the product over the centre of the double sided membrane. Make sure the top plastic release film from the double sided membrane tape is removed just before positioning takes place. Ensure correct alignment and intimate contact so that no air is trapped. Ensure that all edges and overlaps are forming proper seals. Overlaps should be at least 25mm.</p>
Recommended Temperatures:	<p>Application (tape): + 15 to + 50 °C</p> <p>Service: - 10 to + 65 °C</p> <p>Peak: + 65 °C</p>
Storage: Shelf Life:	Store in a cool, dry area away from direct heat and sunlight. ≥ 6 months
Available Sizes:	1000mm wide x 20 metre long logs Other sizes available on request

Physical Properties:	Test	Method	Units	Typical Values
	Total Thickness	ASTM D751	mm	1.60 ± 0.15
	Total Weight	ASTM D751	kg/m ²	1.70 ± 0.10
	Adhesion	ASTM D1000	N/mm	≥ 2.0
	Puncture Resistance	ASTM E154 (ASTM D1709)	N	400
	Water Vapour Transmission	ASTM E96	g/24hr.m ²	0.5