



**MULTI-PLY PREFABRICATED POLYESTER REINFORCED  
WATERPROOFING MEMBRANE FOR STRUCTURAL CONCRETE**

**3100 SLATED  
POLYESTER REINFORCED**



**APPLICATION USER GUIDE**

For best results concrete should be free of voids, hollows, honeycombs, loose or coarse aggregates and sharp protrusions. The concrete surface should be floated finish. It must be a minimum of eight (8) days old. Caution! Concrete curing compounds should be tested for compatibility and removed if necessary. All surfaces should be dry and free of dirt, dust, oil and grease.

**PRIMING**

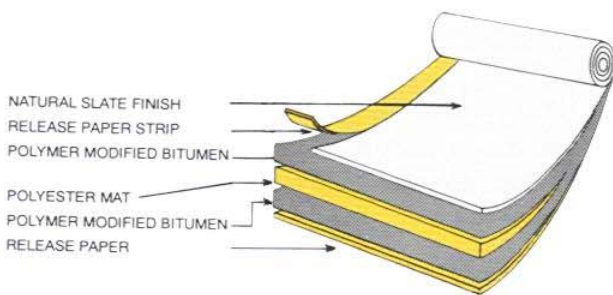
Use **DERMAPRIMER** at a rate of 300 gms per square meter. Spread it out evenly - do not over-apply. Allow the **DERMAPRIMER** to cure. If there are any discolored patches they should be treated again. You should only apply primer to an area that can be covered by the membrane in one day. Any areas left exposed for more than 24 hours should be given a further coat of **DERMAPRIMER**.

**MEMBRANE APPLICATION**

Wear lightweight shoes and protective gloves. Peel back the release paper - not more than 30 cms at one time - and unroll the **ADESOBIT SLATED** membrane, keeping the adhesive surface face down to the substrate. Working from the edges to the centre, press down the membrane to expel trapped air and, at the same time, ensure firm adhesion to the substrate.

To facilitate forming lap joints, the membrane is provided with a selvage. Place the second roll alongside the first and overlap the selvage. Align correctly. Peel back a maximum of 100 cms of the release paper to expose the selvage strip on the first roll. Then peel back the release paper on the back of the second roll, approximately 30 cms at one time. Press down **firmly**, using a roller if necessary to expel all trapped air and to ensure complete contact between the membranes. End laps should be formed by overlapping a minimum of 150mm.

**DO NOT STORE IN DIRECT SUNLIGHT FOR LONG PERIODS. DO NOT LAY DOWN THE ROLLS HORIZONTALLY. ALWAYS STAND THE ROLLS UPRIGHT.**



**THE PRODUCT**

**ADESOBIT SLATED** is a self-adhering, cold-applied bituminous waterproofing and vapor barrier sheet membrane. It is preformed by impregnating and coating a tough rot-proof and damage resistant core reinforcement of polyester with a polymer modified rubber bitumen compound. The lamination is bonded to the polymer modified rubber bitumen compound coating, reinforced with a 140 gms/sq. meter polyester mat and siliconized release paper to protect the adhesive surface of the rolls during storage. Roll size is 1m x 15m.

**FEATURES**

**ADESOBIT SLATED** provides an excellent barrier to both water and vapour. Factory-controlled thickness provides uniform protection, without the fear of "thin spots" commonly found in liquid applied systems. **ADESOBIT SLATED** is self-sealing to minor punctures

**USES**

**ADESOBIT SLATED** can be used in exposed roofing as a single layer system, or as a cap sheet, or as a flashing. It is perfect for foundation waterproofing, as it offers double protection-withstanding both light traffic prior to full protection and against backfill damage. **ADESOBIT SLATED** may also be used for above-grade waterproofing and the exposed ends of underground waterproofing systems.

## TECHNICAL DATA

This Data may be changed, improved or modified by DWI, in accordance with the Client's requirements or availability of raw material, without advance notice. This product data sheet supersedes all previous data publications pertaining to this product.

### ADESOBIT 3100 SLATED

REINFORCEMENT: POLYESTER MAT.	140 gms/M <sup>2</sup>
ROLL SIZE:	1M X 15M
NOMINAL THICKNESS:	3.0mm.
TENSILE STRENGTH :	
LONGITUDINAL:	650 N / 5 cm.
TRANSVERSE:	500 N / 5 cm.
TEST METHOD	ASTM D 412
ELONGATION OF RUBBER MODIFIED BITUMEN COMPOL ND:	> 2000%.
LAPJOINT TENSILE STRENGTH	
LONGITUDINAL.	> 650 N / 5 cm
TRANSVERSE.	> 500 N / 5 cm
TEST METHOD:	ASTM D 412.
TEAR STRENGTH:	
LONGITUDINAL:	252 N.
TRANSVERSE:	230 N.
TEST METHOD:	ASTM D 1004
PUNCTURE RESISTANCE	65 KGF.
TEST METHOD	ASTM E 154.
RESISTANCE TO HYDROSTATIC PRESSURE: AT 110 PSI NO VISUAL DAMAGE ON MEMBRANE	
TEST METHOD:	DIN 1048
PEEL STRENGTH:	
TO PRIMED CONCRETE:	6 KG/CM.
TO SELF:	6.5 KG/CM.
TEST METHOD:	ASTM D 1000
SOFTENING POINT:	>110°C.
PENETRATION @ 25°C. 90 dmm.	
TEST METHOD:	ASTM D 5.
FLEXIBILITY AT LOW TEMPERATURE: -20°C.	
TEST METHOD: UEAtc ASTM D 146	
WATER VAPOUR PERMEABILITY 0.001g/h/m <sup>2</sup>	
TEST METHOD :	ASTM E 96.

FLASH POINT.	> 65°C.
TOXICITY.	NON-TOXIC.
RESISTANCE TO MILD ACIDS/ALKALIS: EXCELLENT.	
RESISTANCE TO SALTS. EXCELLENT.	
STORAGE LIFE: 12 months stored in cool dry conditions.	

#### HEALTH AND SAFETY:

There is no health hazard associated with this product. Always wear protective gloves when handling.

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DERMABIT PRODUCTS ARE TESTED AT RANDOM INTERVALS BY INDEPENDENT LABORATORIES TO INTERNATIONAL STANDARDS AND THE RESULTS OF THESE TESTS ARE AVAILABLE ON REQUEST. IN ADDITION, EACH BATCH MANUFACTURED IS SUBJECT TO STRICT QUALITY CONTROL PROCEDURES TO ENSURE IT MEETS APPROPRIATE AND APPLICABLE STANDARDS AND/OR NORMS.