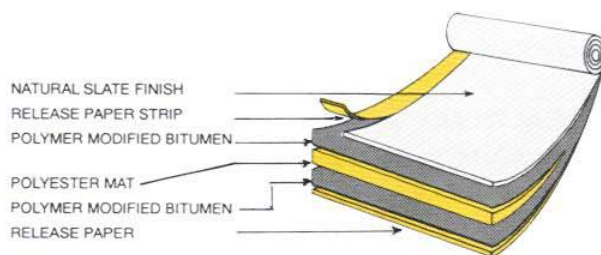




**MULTI-PLY PREFABRICATED POLYESTER REINFORCED
WATERPROOFING MEMBRANE FOR STRUCTURAL CONCRETE**

2100 SLATED

POLYESTER REINFORCED



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 offer double protection-withstanding both light traffic prior to full protection against backfill damage. **ADESOBIT SLATED** may also be used for above-grade waterproofing and the exposed ends of underground waterproofing systems.

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 selvedge. Place the second roll alongside the first and overlap the selvedge. Align correctly. Peel back a maximum of 100 cms of the release paper to expose the selvedge strip on the first roll. Then peel back the release paper on the back of the second roll, approximately 30 cms time. Press down **firmly**, using a roller 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.

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 2100 SLATED

REINFORCEMENT: 140 gms/M²
POLYESTER MAT.

ROLL SIZE: 1M X 15M

NOMINAL THICKNESS: 2.0mm.

TENSILE STRENGTH :

LONGITUDINAL: 650 N / 5 cm.

TRANSVERSE: 500 N / 5 cm.

TEST METHOD ASTM D 412

ELONGATION OF RUBBER MODIFIED BITUMEN
COMPOUND: > 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 0.003g/h/m²

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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SUBMITTED BY:

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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.