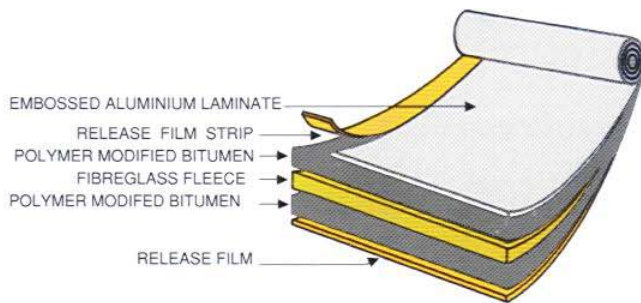




PUBLICATION NO.: 612/E/R-1/JULY '03

MULTI-PLY PREFABRICATED FIBREGLASS REINFORCED WATERPROOFING MEMBRANE WITH AN ALUMINIUM LAMINATE

2050 AL, 3050 AL & 4050 AL



THE PRODUCT

ADESOBIT AL is a self-adhering, cold applied bituminous waterproofing and vapor barrier sheet membrane. It is performed by impregnating and coating a tough rot-proof and damage resistant core reinforcement of fibreglass with a polymer modified rubber bitumen compound. Siliconized release film protects the adhesive surface of the rolls during storage.

FEATURES

ADESOBIT AL 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 AL** is self-sealing to minor punctures.

USES

ADESOBIT AL is ideal on pitched roofs and the exposed ends of underground waterproofing systems. Other applications include:

Above-grade waterproofing, waterproofing of balconies, waterproofing of bathrooms and kitchens, protection against the elements of the weather, sides of high rise buildings.

ADESOBIT AL offers a maintenance-free decorative finish.

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.

THE PRODUCT

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 film - not more than 30 cms at one time - and unroll the **ADESOBIT AL** 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. Overlap the selvedge by a minimum of 30 cms and align correctly. Peel back a maximum of 100 cms of the release film to expose the selvedge strip on the first roll. Now peel back the release film 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 150 mm.

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

TECHNICAL DATA

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.

ADESOBIT 2050 / 3050 / 4050 ALUMINIUM

REINFORCEMENT:

50gr/M2 FIBREGLASS.

ROLL SIZE: 2MM = 1M x 15M

3MM = 1M x 10M

4MM = 1M x 10M

NOMINAL THICKENESS: 2.00 mm, 3.00 mm & 4.00 mm
2050 AL 3050 AL 4050 AL

TENSILE STRENGTH:

LONGITUDINAL: 230 N / 5 cm.

TRANSVERSE: 180 N / 5 cm.

TEST METHOD: ASTM D 412

ELONGATION OF RUBBER MODIFIED

BITUMEN COMPOUND. > 2000%

LAPJOINT TENSILE STRENGTH

LONGITUDINAL: > 230 N / 5 cm

TRANSVERSE: > 200 N / 5 cm

TEST METHOD: ASTM D 412

TEAR STRENGTH:

LONGITUDINAL: 72 N.

TRANSVERSE: 96 N.

TEST METHOD: ASTM D 1004

PUNCTURE RESISTANCE:

NOT PUNCTURED AT 25 KGF.

TEST METHOD: ASTM E 154

RESISTANCE: TO HYDROSTATIC PRESSURE.

AT 100 PSI

NO VISUAL DAMAGE TO THE 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:

-10°C. TEST METHOD: UEAtc ASTM D 146.

WATER VAPOUR PERMEABILITY. 0.004g/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.

DWI, DERMABIT WATERPROOFING INDUSTRIES COMPANY LTD.

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Submitted by :

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