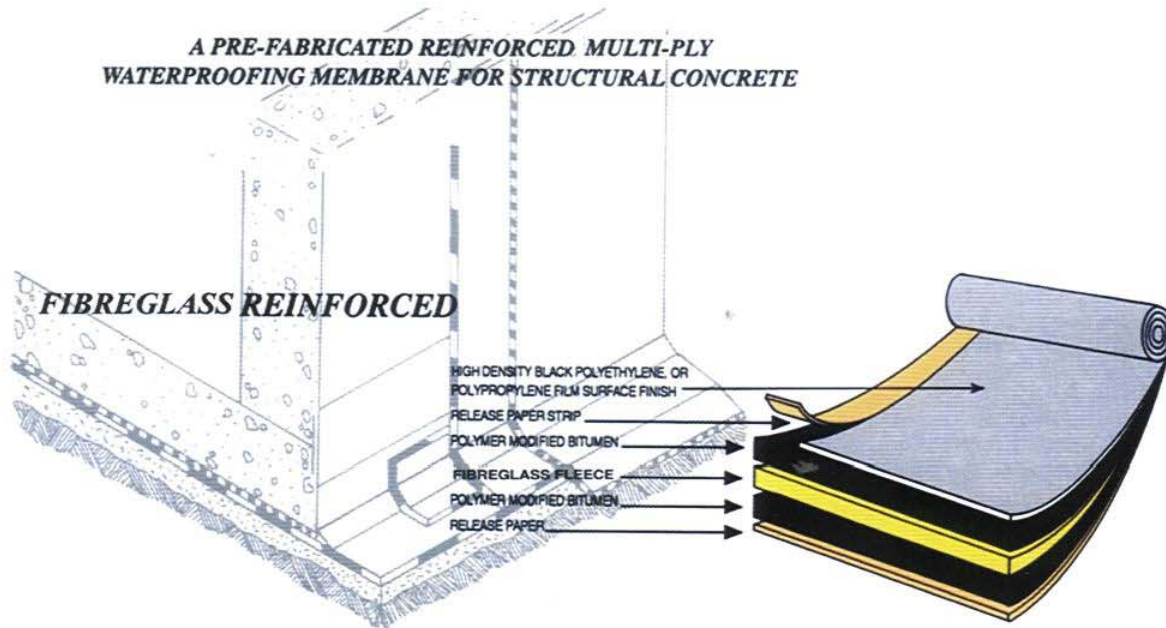




ADESOLBIT® 1550



PUBLICATION NO.: 651/E/SEP'05



DESCRIPTION

ADESOLBIT 1550 is a self adhesive cold applied modified bituminous waterproofing sheet membrane. Preformed by impregnating and coating a robust, rotproof, damage-resistant core reinforcement with a polymer-modified rubber compound.

ADESOLBIT 1550 comes with a Fibreglass reinforcement. Plus a choice of carriers listed below.

| | |
|---------------------------|--------|
| High Density Polyethylene | (PE) |
| Perforated Polypropylene | (PP) |
| Smooth Polypropylene | (SMPP) |

The complete range of **ADESOLBIT** products has, as standard, a siliconised release paper. This Protects the adhesive side of the finished membrane during storage in roll form, and is removed on application. A selvedge provides excellent adhesion at overlaps, i.e. Bituminous Compound to Bituminous Compound.

SPECIFICATION COMPLIANCE

ADESOLBIT 1550 complies to BS 8102 (1990)

FEATURES

ADESOLBIT 1550 membranes provide an excellent barrier against vapour and water, above or below ground, and are ideal for the protection of substructures where corrosive ground water salts are present.

ADESOLBIT 1550 has excellent elongation and recovery characteristics and will therefore accommodate movement.

ADESOLBIT 1550 is also Self-Sealing to minor punctures. All **ADESOLBIT** 1550 membranes, apart from the Aluminium and Slate finishes, must be protected from the elements and site traffic on completion of application. This can be done by using Dermabit **ARMORPROOF** or **ARMORPROOF** or a sand and cement screed.

USES

The **ADESOLBIT** 1550 membrane now available is both versatile and easy to use in most construction applications worldwide.

The standard finish is suitable for Tanking - Foundations - Basements - Footings - Retaining Walls - Kitchens - Bathrooms - and Balconies.

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.

TECHNICAL DATA FOR THE **ADESOBIT** 1550

| PROPERTIES | TYPICAL VALUES | TEST METHOD |
|------------------------------------|--|----------------------|
| REINFORCEMENT | 60 g/m ² REINFORCED FIBRE GLASS FLEECE | UEAtc |
| TENSILE STRENGTH OR REINFORCEMENT | | |
| LONGITUDINAL | 20 N/mm ² | ASTM D 412 |
| TRANSVERSE | 13.3 N/mm ² | |
| ELONGATION OR RUBBER | >2000% | ASTM D 412 |
| MODIFIED BITUMEN COMPOUND | | |
| LAP JOINT TENSILE STRENGTH | | |
| LONGITUDINAL | >250 N/5 cm | UEAtc |
| TRANSVERSE | >175 N/5cm | |
| TEAR RESISTANCE | | |
| LONGITUDINAL | 35 N | ASTM D 1004 |
| TRANSVERSE | 45 N | |
| TENSILE - TEAR STRENGTH | | |
| LONGITUDINAL | 116 N/ mm | ASTM D 4073 |
| TRANSVERSE | 112 N/ mm | |
| PEEL STRENGTH | | |
| - TO PRIMED CONCRETE | 2.01 N/mm | |
| - TO SELF | 2.11 N/mm | ASTM D1000 |
| - TO METAL | 5.7 N/mm | |
| RESISTANCE TO HYDROSTATIC PRESSURE | 66 PSI (47 m) | DIN 1048 |
| PUNCTURE RESISTANCE | 245 N/60 mm (NOT PERFORATED AT 25 Kg.) | ASTM E 154, UEAtc |
| SOFTENING POINT | 100°C Min. | ASTM D36 |
| PENETRATION AT 25 °C | 80 - 110 dmm | ASTM D5 |
| FLEXIBILITY AT LOW TEMPERATURE | - 15°C - NO CRACKING | UEAtc ASTM D146 |
| WATER ABSORPTION | 0.12% | ASTM D570 |
| CHEMICAL RESISTANCE | CONFORMS | ASTM D 543 |
| ROLL SIZE | 1 x 15 M | |
| NOMINAL THICKNESS | 1.5 MM | |
| NOMINAL WEIGHT | 24 KGS | |
| ROLLS PER PALLET | 30 | |

* THE SOFTENING POINT VARIES BETWEEN 100 °C TO 110 °C DEPENDING UPON CLIENT'S REQUIREMENTS OR COMPLIANCE WITH SPECIFIC STANDARDS.

HANDLING & STORAGE

All care should be taken in storing **ADESOBIT** 1550 Rolls should be stored vertically and must never be stacked. **ADESOBIT** 1550 must always be stored in dry, covered storage areas. Never in direct sunlight. Ideally ventilated areas between 15°C - 25°C.

APPLICATION TEMPERATURE RANGE

When application temperature drops below 20°C (68°F), it is essential to heat the primed surfaces before applying the membrane, this can be done with a gas torch or hot air blower. At surface temperatures below 5°C (40°F), care should be taken to ensure that all surfaces are free from condensation, ice/frost. Material stored at temperatures below 20°C (68°F) should be left exposed to warmer temperatures for at least 6-8 hours before application. Ambient temperatures above 50°C may give rise to difficulty in removing the release paper, and such material should be relocated to cooler areas.

ADESOBIT 1550 is warranted to be free of manufacturing defects for a period of ten years.

DWI, DERMABIT WATERPROOFING INDUSTRIES COMPANY LTD.

Head Office P. O. Box 10308 - Jubail Industrial City 31961 Saudi Arabia
Telephone : 00966 3 3410464 Telefax : 00966 3 341 0481
E-mail: dermabit@dermabit.com.sa
Website : dermabit.net

Riyadh Branch Telephone : 00966 1 4645988 / 4657761
Telefax : 00966 1 4634100
E-mail: dwi_riyadh@dermabit.net

Jeddah Branch Telephone : 00966 2 6973309 - Telefax : 00966 2 6976374
E-mail: dwi_jeddah@dermabit.net

Al-Khobar Branch Telephone : 00966 3 8823986 - Fax : 00966 3 8878025
E-mail: dwi_khobar@dermabit.net

Submitted by :

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