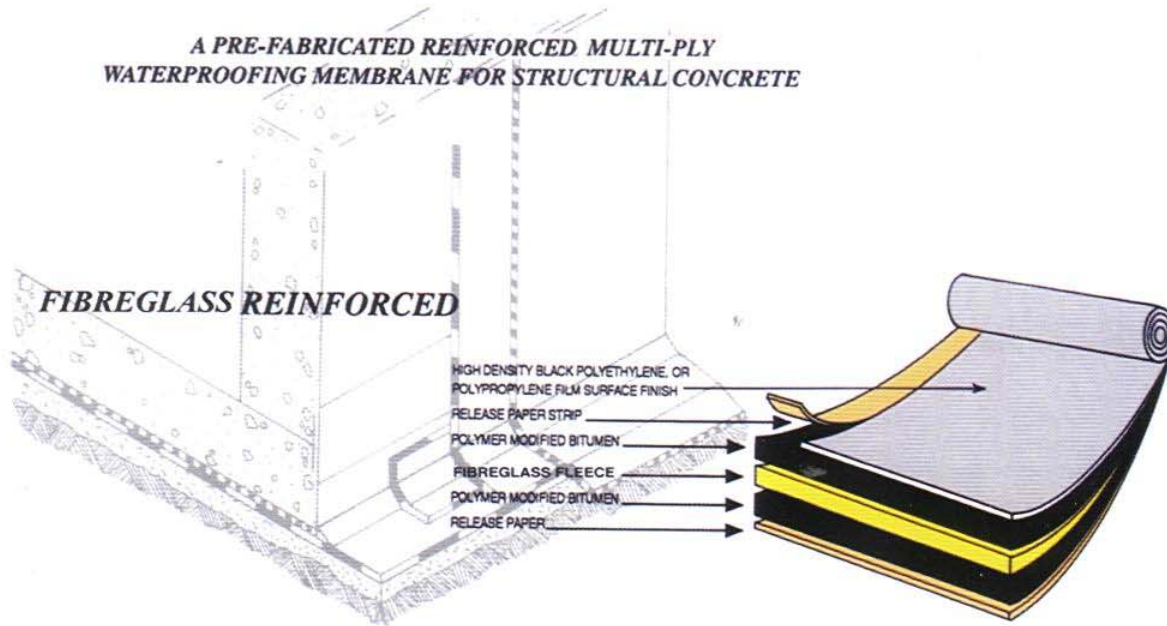




® ADESO BIT 2050



PUBLICATION NO.: 652/E/FEB '05



DESCRIPTION

ADESO BIT 2050 is a self adhesive cold applied modified butuminous waterproofing sheet membrane preformed by impregnating and coating a robust, rotproof, damage-resistant core reinforcement with a polymer-modified rubber compound.

ADESO BIT 2050 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 **ADESO BIT** 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

ADESO BIT 2050 complies to BS 8102 (1990)

FEATURES

ADESO BIT 2050 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.

ADESO BIT 2050 has excellent elongation and recovery characteristics and will therefore accommodate movement.

ADESO BIT 2050 is also Self-Sealing to minor punctures. All

ADESO BIT 2050 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 **ARMOPROOF BIT** / **ARMOPROOF** or a sand and cement screed.

USES

The **ADESO BIT** 2050 range of membranes now available is both versatile and easy to use in most construction applications worldwide.

Apart from the standard finishes shown **ADESO BIT** 2050 above is now available in Aluminium and Slate finish. These finishes can be applied to roofs in exposed conditions using just one layer. The standard finish is suitable for Tanking - Foundations - Basements - Footings - Retaining Walls - Kitchens - Bathrooms - Balconies and covered roofs.

See separate Date Sheets for the Aluminium and Slate Finishes.

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 AD 2100.

TECHNICAL DATA FOR **ADERSOBIT** 2050

PROPERTIES	TYPICAL VALUES	TEST METHOD
REINFORCEMENT	50 g/m ² REINFORCED FIBRE GLASS FLEECE	UEAtc
TENSILE STRENGTH OF MEMBRANE		
LONGITUDINAL	425 N/5 cm	ASTM D 5147
TRANSVERSE	325 N/5 cm	
ELONGATION AT BREAK		
LONGITUDINAL	25%	ASTM D 5147
TRANSVERSE	20%	
LAP JOINT TENSILE STRENGTH		
LONGITUDINAL	425 N/5 cm	UEAtc
TRANSVERSE	325 N/5cm	
TEAR RESISTANCE		
LONGITUDINAL	230 N	ASTM D 5147
TRANSVERSE	220 N	
PEEL STRENGTH		
- TO PRIMED CONCRETE	DYNAMIC	ASTM D1000
- TO SELF	STATIC	
RESISTANCE TO HYDROSTATIC PRESSURE	66 PSI (47m)	DIN 1048
PUNCTURE RESISTANCE	245 N/60 mm NOT PERFORATED AT 25 Kg.	ASTM E 154, UEAtc
SOFTENING POINT	*Min 100°C	ASTM D36
PENETRATION AT 25 °C	60 - 110 dmm	ASTM D5
FLEXIBILITY AT LOW TEMPERATURE	- 15°C - NO CRACKING	UEAtc
WATER ABSORPTION	0.12%	ASTM D5147
CHEMICAL RESISTANCE	CONFORMS	ASTM D 543

	AD 2050
ROLL SIZE	1 x 15 M
NOMINAL THICKNESS	2.0 MM
NOMINAL WEIGHT	31 KGS
ROLLS PER PALLET	25

* 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 **ADERSOBIT** 2050. Rolls should be stored vertically and must never be stacked. **ADERSOBIT** 2050 must always be stored in dry, covered storage areas.

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 temperature 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.

ADERSOBIT 2050 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.net
Website : dermabit.net

Al-Khobar Branch Telephone/Telefax : 00966 3 8823986
E-mail: khobar@dermabit.net

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

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

Submitted by :

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