



GENERAL

ASPHALTOPLAST 200 Water proofing membranes have been developed using the most up-to-date technology, to provide a highest performance at low cost.

ASPHALTOPLAST 200 Torch Applied membranes are manufactured with 200 grms/m² non woven Spunbond Polyester mat. The reinforcement is impregnated and then coated with a polymer modified bituminous compound. This mixture gives the membrane properties of high softening point while making it resistant to atmospheric agents, and ageing. The APP modified bitumen compound also allows the membrane to withstand high temperatures, ensures shape stability, increases adhesion strength and ease in application.

SPECIAL FEATURES

- Positive barrier to water & vapour.
- Excellent resistance to atmospheric pressure.
- High flexibility at low temperature.

- High performance, withstands thermal shocks and ideal for use as an exposed system
- Resistant to water-borne chemical attack

SIZE AND FINISHING

ASPHALTOPLAST 200 Membranes are manufactured and supplied in rolls 1 x 10 metres. The upper and lower surfaces are covered with thin polyethylene film or sand or slate chips.

TYPICAL USES

ASPHALTOPLAST 200 may be used for the waterproofing of roof decks, slabs, basements, foundations, tanking work, waste-water canal lining, sewerage, tank lining, etc.

ASPHALTOPLAST 200 may also be used in compliance with BS 8102 (1990).

APPLICATION

The application of **ASPHALTOPLAST 200** is both easy and quick. Where it is to be laid directly in a one - layer system on

concrete, tiles or an existing roofing system, a coat of **DERMAPRIMER** at the rate of 200 - 300 grms/m² should first be applied. Allow this coating to dry thoroughly. In areas of high humidity we recommend it should be left overnight.

As in all other applications, the membrane should first be unrolled and positioned correctly on the surface to be treated. Each roll should overlap the adjacent roll by 10 cms. Once the roll has been positioned correctly, the membrane should be rolled up again, taking care not to change its orientation (you should read our brochure "Application Procedures" for a more detailed explanation). Using left to right movements, heat the lower surface of the membrane with a propane gas torch. This will cause slight surface melting and adhesion to the substrate. Continue the above method for consecutive rolls remembering overlaps must be 10 cms and endlaps 15 cms.

Inspection of Lap Joints must be carried out to ensure total adhesion.

ASPHALTOPLAST® 200

TECHNICAL DATA

PROPERTY	TYPICAL VALUES	TEST METHOD
Reinforcement	200 Grms/m ² - Non-woven polyester	
Memberane nominal thickness	4.0 mm	UEAtc
Memberane nominal weight	4.20/M ² Sand / PBS (4.40/M ² Slated)	
Softing Point of Coating Material	Min. 157 Deg. C.	ASTM D36
Penetration (DOW) of Coating Mixture	15-25 dmm	ASTM D5
Flexibility at low temperature	-5 Deg. C.	ASTM D146
Tensile Strength		
Longitudinal	920 N/5cm	UEAtc
Transverse	670 N/5cm	
Elongation		
Longitudinal	50%	ASTM D146
Transverse	54%	
Tear Resistance		
Longitudinal	190 N	UEAtc
Transverse	190 N	
Lap Joint Strength		
Longitudinal	> 900 N/5cm	UEAtc
Transverse	> 640 N/5cm	
Puncture Resistance		
Static indentation	L4 (25 kg, 10mm ball - No effect)	UEAtc
Dynamic Indentation	14 (9 joules impact energy 5mm ball- No effect)	
Water Absorption	Less than 0.15%	ASTM D570
Impermeability of the Membrane to water	Absolutely impermeable	UEAtc
Resistance to Thermal Ageing	No signs of deterioration after the test	UEAtc
Resistance to Ageing due to UV Radiation	No signs of deterioration afte 2000 hours	ASTM G53
Water vapour permeability	Absolutely impermeable	ASTM E96
Hydrostatic Pressure Resistance	>110 PSI	DIN 1048

DWI, DERMABIT WATERPROOFING INDUSTRIES COMPANY LTD.

Head Office : P. O. Box 10308, Jubail Ind. City 31961, Saudi Arabia
Tel.: (03) 341 0464, Telefax: (03) 3410481,
Telex: 832162 DWI SJ

Riyadh Branch : P. O. Box 5945, Riyadh 11432, Saudi Arabia
Tel.: (01) 4645988, Fax: (01) 4634100,
Telex: 401 999 HANEE SJ

Jeddah Branch : P. O. Box 3589, Jeddah 21481, Saudi Arabia
Tel.: (02) 6973309, Fax: (02) 6976374

Al-Khobar Branch : P. O. Box 31226, Al-Khobar 31952, Saudi Arabia
Tel.: (03) 8823986, Fax: (03) 8823986

International Operations :

P.O.Box 1392, Beit Mery, Lebanon
Tel.: 00961 4 872 473, Fax: 00961 4 872 473,
Mobile: 00961 3 655 993

E-Mail : dermabit@yahoo.com

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.