



# ASPHALTOPLAST

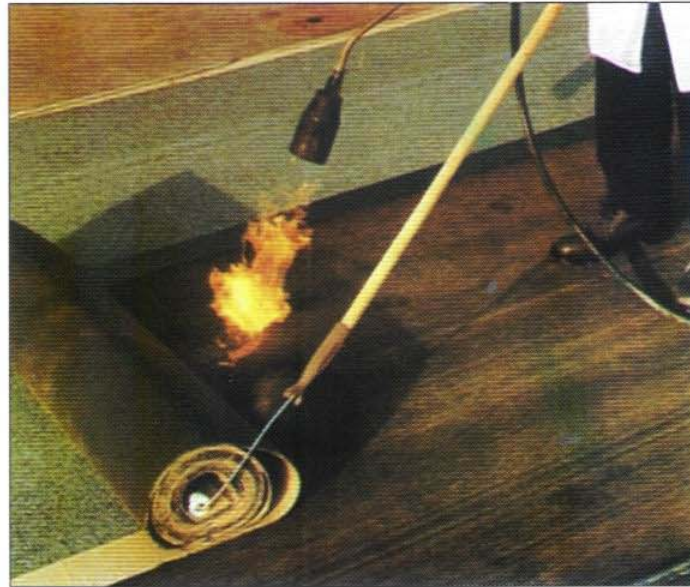
THE NEW GENERATION

SLATED

APP MODIFIED PLASTOMERIC BITUMINOUS MEMBRANE



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## GENERAL DESCRIPTION

**ASPHALTOPLAST SLATED** waterproofing membranes have been developed using state of the art technology to provide a high performance, low-cost product. These membranes have a reinforcement of 180 gms/m<sup>2</sup> non-woven spunbond polyester mat and are impregnated and coated with APP modified bituminous plastomeric compound. This gives them properties of high softening point and makes them highly resistant to atmospheric agents and ageing. Because of the modification provided by the polymer, they are able to withstand high temperatures whilst maintaining shape stability. This increases adhesion strength and gives ease of application.

**ASPHALTOPLAST** slated membranes are resistant to water-borne chemical attack.

## SPECIAL FEATURES

- Positive barrier to water & vapor
- High resistance to atmospheric agents
- Withstand thermal shocks
- Ideal for use in exposed systems

## SIZES AND FINISHES

**ASPHALTOPLAST SLATED** is supplied in rolls of 1 x 10 metres. The upper surface is coated with natural grey slate, but we can provide a range of colors on request. The bottom surface is covered with a polyethylene film that is burnt off during torching.

## TYPICAL USES

**ASPHALTOPLAST SLATED** may be used for the waterproofing of roof decks, slabs and other civil works and in areas where exposed application is required.

## APPLICATION

The application of **ASPHALTOPLAST SLATED** 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 **DERMABIT PRIMER** at the rate of 200-300 grms/m<sup>2</sup> 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 the size of the selvedge (10 cm). 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 by heating the PP selvedge remembering overlaps must be the full size of the selvedge and endlaps min 15 cms.

Inspection of lap joints must be carried out to ensure total adhesion.

## 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.

# ASPHALTOPLAST SLATED

PROPERTIES		VALUES		METHOD OF TESTING
		ASPHALTOPLAST 3P	ASPHALTOPLAST 4P	
Membrane Thickness +5%		Min. 3.5 mm	Min. 4.1 mm	ASTM D751
Softening Point (R+B) of Coating Mixture		155 °C		ASTM D36
Penetration of coating mixture at 25°C		12-20 dmm		ASTM D5
*Flexibility at low temperature		-2 to -5°C		UEAtc
Service Ambient Temperature		-10°C to 100°C		
TENSILE STRENGTH	Longitudinal	750 N/5 cm		UEAtc
	Transverse	550 N/5cm		
ELONGATION	Longitudinal	40 %		UEAtc
	Transverse	45 %		
TEAR RESISTANCE	Longitudinal	550 N		ASTM D 5147
	Transverse	400 N		
PUNCTURE RESISTANCE	Static	L4 (Not perforated at 25 Kg. 10mm ball)		UEAtc
	Dynamic	I 4 (Not perforated at 9 Joules impact energy 5 mm ball)		
Dimensional Stability 120°C (2 Hrs)		No Change		ASTM D 5147
Resistance to water pressure (24 hr)		> 60 kpa		UEAtc
Resistance to Thermal Ageing		Complies		UEAtc
Resistance to Ageing due to UV-Radiation		Complies		UEAtc
<b>ASPHALTOPLAST</b> membranes are resistant to chlorides, sulphates and phosphates found in ground water.				

\*Flexibility at low temperature can be altered depending on prevailing climatic conditions or client's request.

**PACKING :** 3mm membrane 30 rolls per pallet  
4mm membrane 23 rolls per pallet

The above data are average figures obtained from the tests of various samples and are subject to the tolerances defined in the specified test methods.

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