



ELASPHALT 4180 GEO

**AN SBS MODIFIED HIGH PERFORMANCE TORCH-ON MEMBRANE, BASED ON
DWI ELASPHALT 4180 MEMBRANE AND TOPPED WITH A TOP NON-WOVEN
POLYESTER MAT**

USES:

- CAR PARK ROOFS
- BRIDGE DECKS AND FLY-OVERS
- CONCRETE WATERPROOFING UNDER ASPHALT SURFACE.

PROPERTIES

- WITHSTANDS HIGH LOADS INCLUDING WHEELED TRAFFIC
- HIGH TEMPERATURE RESISTANCE
- HIGH MALLEABILITY OF THE SBS COMPOUND
- EXCELLENT PUNCTURE AND ABRASION RESISTANCE
- GOOD ADHESION TO THE CONCRETE SURFACE
- DIMENSIONALLY STABLE
- ACCEPTS DIRECTLY ASPHALT WEARING COURSES
- ONE LAYER APPLICATION OVER PRIMER.

COMPOSITION

AN SBS MODIFIED BITUMINOUS COMPOUND REINFORCED WITH A 180 GRMS/M² NON-WOVEN POLYESTER MAT AND TOPPED WITH A TOUCH 150 GRMS/M² POLYESTER WITH AN EASY MELTING PE ON THE BOTTOM FOR QUICK APPLICATION BY TORCH.

THE ROLLS HAVE A BUILT IN SELVEDGE OF 100MM FOR GOOD OVERLAPPING

SIZE:

STANDARD ROLLS IN 1 X 10 M. OTHER LENGTHS ON REQUEST.

APPLICATION

THE ELASPHALT 4180 GEO IS APPLIED FULLY BONDED IN THE SAME MANNER AS THE ELASPHALT 4180 MEMBRANE. FOR AMPLE DETAILS, PLEASE REFER TO THE ELASPHALT 4180 DATA SHEET

ELASPHALT 4180 GEO

TECHNICAL DATA

PROPERTY	TYPICAL VALUES	TEST METHOD
Roll size	1 m x 10 m	
Membrane nominal thickness	4 mm	UEAtc
Pliability (from -6 to -20 Deg. C.)	No Breaking	UEAtc
Elongation Lengthwise Crosswise	50% 50%	UEAtc
Heat Resistance (Flow)	≥ 110 Deg. C.	UEAtc
Tensile Strength Lengthwise Crosswise	900 N/5cms 750 N/5cms	UNE 104-281/6.5
Nail Tearing Strength Lengthwise Crosswise	➤ 600 N ➤ 600 N	UEAtc
Dimensional Stability Lengthwise Crosswise	< 0.5% <0.5%	UNE 104-281/6.7
SERVICE AMBIENT TEMPERATURE		
Softening Point	145 Deg. C.	UNE 104-281/1.3
Penetration at 25 Deg. C.	35-45 dmm	UNE 104-281/6.4
Penetration at 60 Deg. C.	110 ± 10 dmm	UNE 104-281/1.4

**DWI, DERMBIT WATERPROOFING
 INDUSTRIES COMPANY LIMITED**
 P. O. Box 10308, Jubail Industrial City 31961
 Kingdom of Saudi Arabia
 Tel.: (00966) 3 3410464
 Fax: (00966) 3 3410481

Submitted by: