

ELASTOPHENE 180 SANDED

ELASTOPHENE 180 PS

TECHNICAL DATA SHEET
030128CAN4E
(supersedes 001218CAN1E)

DESCRIPTION

Elastophene 180 membranes are composed of a non-woven polyester reinforcement and SBS modified bitumen. **ELASTOPHENE 180 SANDED** and **ELASTOPHENE 180 PS** are bonded with hot asphalt.

FOR COMPLETE INFORMATION ON APPLICATION AND SYSTEMS, PLEASE CONSULT OUR SPECIFICATION MANUAL.

PROPERTIES

Properties	Standards	ELASTOPHENE 180 SANDED	ELASTOPHENE 180 PS
Thickness	-	2.2 mm	
Dimension	-	15 x 1 m	
Gross / Net coverage per roll	-	15 / 13,9 (161 / 150 pi ²)	
Roll weight	-	38 kg	
Top face	-	Sanded	Thermof. plastic film
Underface	-	Sanded	
Storage	-	Upright on pallet	
Strain energy, MD/XD	CAN/CGSB-37.56-M, 9 th draft	9.0 / 7.0 kN/m	
Breaking Strength, MD/XD	CAN/CGSB-37.56-M, 9 th draft	17 / 12.5 kN/m	
Ultimate elongation, MD/XD	CAN/CGSB-37.56-M, 9 th draft	60 / 65 %	
Cold bending	-initial -90 days at 70°C	CAN/CGSB-37.56-M, 9 th draft	-30 °C -30 °C
Plastic flow	CAN/CGSB-37.56-M, 9 th draft	115 °C	
Dimensional stability, MD/XD	CAN/CGSB-37.56-M, 9 th draft	-0.4 / 0.3 %	
Static puncture	CAN/CGSB-37.56-M, 9 th draft	400 N	
Tear resistance	CAN/CGSB-37.56-M, 9 th draft	60 N	
Lap adhesion:	- Initial - 14 Days at 70°C	CAN/CGSB-37.56-M, 9 th draft	13.8 °C 14.2 °C
Water vapour permeance (All values are nominal)	ASTM E96 (Procedure B)	< 0.23 ng/Pa.s.m ² (< 0.004 perm)	