

ELASTOPHENE



ELASTOPHENE PS DG

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ELASTOPHENE 180 PS DG

TECHNICAL DATA SHEET
031121CAN1E
(supersedes 030318CAN1E)

DESCRIPTION

ELASTOPHENE PS DG and **ELASTOPHENE 180 PS DG** are SBS modified bitumen membrane reinforced by a glass mat and a non-woven polyester, respectively. Their sanded bottom side allows their installation in hot bitumen.

Two opposite selvedge edges are protected with a removable silicone-coated paper. When the membranes are installed, those two papers are removed, exposing the SBS modified bitumen. This feature allows the use of a torch or hot air gun to seal the side lap.

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

PROPERTIES

Properties	Standards	ELASTOPHENE PS DG	ELASTOPHENE 180 PS DG
Thickness	-	2.2 mm	
Dimension	-	15 X 1 m	
Gross / Net coverage per roll	-	15 / 13.9 m ² (161 x 150 ft ²)	
Reinforcement	-	Glass mat	Non woven polyester
Top face	-	Thermofusible Plastic Film	
Underface	-	Sanded	
Roll weight	-	40 kg	38 kg
Strain energy, MD/XD	CAN/CGSB-37.56-M 9 th draft	1.5 / 1.5 kN/m	9.0 / 7.0 kN/m
Breaking strength, MD/XD	CAN/CGSB-37.56-M 9 th draft	9.0 / 6.2 kN/m	17 / 12.5 kN/m
Ultimate elongation, MD/XD	CAN/CGSB-37.56-M 9 th draft	4 / 4 %	60 / 65 %
Static puncture	CAN/CGSB-37.56-M 9 th draft	160 N	400 N
Tear resistance	CAN/CGSB-37.56-M 9 th draft	30 N	60 N
Cold bending - Initial - 90 days at 70 °C	CAN/CGSB-37.56-M 9 th draft	-30 °C -30 °C	-30 °C -30 °C
Cold bending - Initial - 90 days at 70 °C	CAN/CGSB-37.56-M 9 th draft	23.5 24.0	13.8 14.2
Plastic flow	CAN/CGSB-37.56-M 9 th draft	115 °C	115 °C
Dimensional stability, MD/XD	CAN/CGSB-37.56-M 9 th draft	0 / 0	-0.4 / 0.3

(All values are nominal)

