



Sealex

Waterproofing Systems, Sealers & Sealants

Polyflame Torch on membrane

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TECHNICAL DATA

	Property	Typical Value	Test Method
1.	Softening point, °C	155	ASTM D 36
2.	Penetration, @ 25 °C, dmm	20	ASTM D 5
3.	Low temperature flexibility, °C	-6 to -10	ASTM D 5147
4.	Heat resistance, compound stability @ 120 °C for 2 hours & 15 minutes	No flow - Pass	ASTM D 5147
5.	Tensile strength, N/5 cm @ 23 Longitudinal Transverse +/- 2 °C	950 (19 KN/m) 800 (16 KN/m)	ASTM D 5147
6.	Tensile strength, N/5 cm @ -18 Longitudinal Transverse +/- 2 °C	1200 (24 KN/m) 950 (19 KN/m)	ASTM D 5147
7.	Elongation, % @ 23 +/- 2°C Longitudinal Transverse	45 50	ASTM D 5147
8.	Elongation, % @ -18 +/- 2°C Longitudinal Transverse	24 26	ASTM D 5147
9.	Load strain product, @ 23 +/- 2°C Longitudinal Transverse	42,750 40,000	CGSB-37-GP-56M
10.	Load strain product, @ -18 +/- 2°C Longitudinal Transverse	28,000 24,700	CGSB-37-GP-56M
11.	Lap joint strength, N/5 cm Longitudinal Transverse	Same as membrane	CGSB-37-GP-56M UEAtc
12.	Tear resistance, N Longitudinal Transverse	600 400	ASTM D 5147
13.	Tear strength, N Longitudinal Transverse	190 210	UEAtc
14.	Puncture Resistance, N Static indentation Dynamic indentation	1155 L ₄ I ₄	ASTM E 154. UEAtc 5.1.9. UEAtc 5.1.10
15.	Water Absorption, %Wt @ 23 °C 24 hrs.	<1	ASTM D 5147
16.	Water Vapour Transmission, g/m ² 24 hrs.	<0.5	ASTM E 96 procedure E 37.8 °C at 90% RH
17.	Dimensional Stability, % Longitudinal Transverse	+ 0.5 - 0.5	ASTM D 5147
18.	Resistance to Leakage at joints	Pass	UEAtc
19.	Resistance to aging & U.V. (Weather-O-meter, 2000 hrs)	No change greater than 20% of the original values	ASTM G53 UNI 8202

The information given in this Technical Data Sheet reflects typical median properties based on laboratory test, and practical experience; subject to the tolerance levels of UEAtc directives. However, as the product is often used under conditions beyond our control, we can't warrant but the product itself. THIS PUBLICATION AUTOMATICALLY SUPERSEDES ALL PREVIOUS PUBLICATIONS RELATING TO THIS PRODUCT.

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