(Pty) Limited

PRODUCT SPECIFICATIONS

DATA SHEET NO : MB-6

Description: POLY-E-FLEX (C-E1)

Is a Polymer Modified Bitumen with the benefits of Warm-Mix Technology

POLYMER MODIFIED BITUMEN HOT APPLIED			
PROPERTY	Unit	C-E1	TEST METHOD
1) Softening point (R&B)	°C	≥80	MB – 17
2) Dynamic viscosity @ 165°C	Pa.s	≤0.65	MB – 18
3) Dynamic viscosity @ 190°C	dPa.s	-	MB–13
4) Elastic recovery @ 15°C	%,	≥80	MB – 4
5) Resilience @ 25°C	%	-	MB – 10
6) Flow	Mm	-	MB 12
7) Typical density in kg/ liter @ Application temperature		0.937 @ 160 °C	TOSAS
8) Application and Uses		Is suitable for sealing cracks of medium to high activity with a width of 5 -10 mm.	
9) Cleaning and handling		Refer Safety Data Sheets	

Product information:

Poly-E-Flex will not crack at low temperatures due to its high flexibility
Poly-E-Flex will flow deeper into the crack due to its reduced viscosity from the warm mix technology
Poly-E-Flex Application temperature and Volatile organic components is significantly reduced due to the benefit of this technology.

Application instructions:

1. Remove all dust and debris from the crack by blowing with high velocity compressed air
2. Heat the Poly-E-Flex to a temperature of between 100°C - 160°C, depending on penetrating depth required
3. Fill the crack until it overflows, once the crack has been filled squeegee the excess binder along the crack until A satisfactory seal has been obtained.
4. As soon as the Poly-E-Flex has cooled to ambient temperature, the area can be opened to traffic +/- 5 to 15 Minutes.

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