



(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.

NOTE : This data is issued as a guide to the use of the product(s) concerned and whilst every effort is made to ensure the accuracy of the text which is in accordance with the latest technical developments, we cannot accept responsibility for any work carried out with our materials as we have no control over the method of application used or condition of site involved. In view of the constant research and development being undertaken in our laboratories we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication. All products are sold subject to our standard conditions of sale which are available on demand.

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