(Pty) Limited

PRODUCT SPECIFICATIONS

DATA SHEET NO : MB-8

Description: (MMTS)

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

POLYMER MODIFIED BITUMEN HOT APPLIED			
PROPERTY	**Unit**	**MMTS**	**TEST METHOD**
1) Softening point (R&B)	°C	≥100	MB – 17
2) Dynamic viscosity @ 165°C	Pa.s	N/A	MB – 18
4) Elastic recovery @ 15°C	%,	≥80	MB – 4
5) Typical density in kg/ liter @ Application temperature		0.937 @ 160 °C	TOSAS
8) Application and Uses	% Mm	Sealing of micro trench system to protect the optic fibre cables below, stop ingress of water and restore road surface with limited damage caused by the laying and application of this system	
9) Cleaning and handling		Refer Safety Data Sheets	

The density of MMTS still needs be confirmed with further testing. This specification sheet will be updated with the next review.

Product information:

MMTS will not crack at low temperatures due to its high flexibility
MMTS will flow deeper into the crack due to its reduced viscosity from the warm-mix technology

DIRECTIONS FOR USE

1. Remove all dust and debris from the micro trench by blowing with high velocity compressed air or hot lance to heat the sides that's been cut and will activate the binder acting as a tack coat. If there is no binder a tack coat is strongly recommended
2. Heat the MMTS to a temperature of between 130°C - 160°C, depending on penetration depth required
3. Fill the trench 10-20 mm of MMTS on top of the soilcrete that's been placed on top of the optic fibre cable.
4. Fill the trench 50 mm maximum with 6.7 mm washed pre coated road stone on top of hot applied MMTS to the level of the road so that only the knuckles is visible flush to the roads surface. After filling 6.7mm road stone light compaction may be applied.
5. Place the MMTS on top of compacted road stone saturating the 6.7 mm stone from the top.
6. Allow the MMTS to cool to ambient temperature before the trench can be opened to traffic +/- 15 to 60 Minutes.

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