



(Pty) Limited

PRODUCT SPECIFICATIONS

DATA SHEET NO : MB-2

POLYMER MODIFIED BITUMEN HOTMIX ASPHALT

PROPERTY		A-E1	A-E2	A-P1	TEST METHOD
1)	Softening point °C, Min.	55 – 65	65 – 85	63 – 73	MB – 17
2)	Dynamic viscosity : @ 165°C Pa.s Max.	≤ 0.6	≤ 0.6	≤ 0.55	MB – 18
3)	Storage stability @ 160°C	≤5	≤5	≤5	MB – 6
4)	Elastic recovery @ 15°C, %, Min.	>50	>60	>30	MB – 4
5)	Flash point	≥230	≥230	≥230	ASTM D93
6)	Typical density in kg/litre				
	@ 25°C	1,030	1,030	1,030	TOSAS
	@ application temperature	0,927	0,927	0,927	TOSAS
After ageing (RTFOT)					
7)	Mass change %	≤ 1.0	≤ 1.0	≤ 1.0	MB – 3
8)	Elastic recovery @ 15°C	> 40	> 50	Report	MB – 4
9)	Softening point (min) °C	53	63	61	MB – 17
10)	Application and storage temperatures	Refer Modified binders TG1 - Table 16			
11)	Uses	Hot mix Asphalt			
12)	Cleaning and handling	Refer Material safety data sheets			

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undertaken in our laboratories we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication.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.

Revised by: Larusha Gramni

Approved by: Johannes Lambert

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