



(Pty) Limited

TOSAS BITUKOTE [bitumen-based pre-coat]

PRODUCT SPECIFICATIONS

DATA SHEET NO : B4

PROPERTY	Bitukote 1	Bitukote 2	Test Method			
1) Kinematic viscosity @ 60°C, cSt	10 – 20	30 – 60	ASTM D 2170			
2) Dynamic viscosity at 60°C, Pa.s	10 – 25	30 – 70	ASTM D 4402			
3) Flash-Point, °C	38 min	38 min	ASTM D93			
4) Water, % by mass or volume	0,2 max	0,2 max	ASTM D 95			
5) Distillation @ 101,325 kPa absolute Distillate, % by vol. of total distillate to 360°C						
190°C	0 – 20	0 - 15	ASTM D 402			
225°C	20 – 70	15 - 60	ASTM D 402			
260°C	60 – 90	50 - 85	ASTM D 402			
316°C	80 – 100	80 - 100	ASTM D 402			
6) Residue from distillation to 360°C, % vol. of original sample, Min.	Min 40	Min 50	ASTM D 402			
7) Viscosity at 60°C on residue from distillation, Pa.s	Min 30	Min 30	ASTM D 4402			
8) Saybolt Furol	10 – 30	20 – 40	Tosas			
9) Striping number	Report	Report	Redel and Weber			
10) Typical density in kg/litre						
@ 20°C	0,910	0,926	ASTM D 3142 / D 3142 M-11			
@ Application temp. Ref point 8	0,902	0,903	ASTM D 3142 / D 3142 M-11			
11) Uses	Pre-coating of stones					
12) Typical application rates (expressed as l/m ³)						
13) Cleaning and handling	Stone size	6,7 mm	9,5 mm	13,2 mm	19mm	
	Liters per cube	13	12	11	10	
Refer Safety Data Sheet						

Description: Tosas bitumen-based pre-coat is an environmentally friendly alternative to tar-based pre-coat. It may be used with varying sized aggregates under slightly dusty or damp conditions. The product has been formulated to wet/coat all types of aggregate and give good adhesion to the stone. This binder is also compatible with conventional and modified binders.

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undertaken in our laboratories we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication.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

Approved by : J. Muller

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