



(Pty) Limited

PRODUCT SPECIFICATIONS

DATA SHEET NO : E9

INVERT BITUMEN EMULSION REJUVENATOR

PROPERTY	IBE Rejuvenator	Test Method	
1) Description: Tosas invert bitumen emulsion rejuvenator is an environmentally friendly alternative to tar rejuvenators. When applied, this binder is compatible with conventional bitumen and modified bitumen.			
2) Density @ 25°C (kg/liter)	0,924 typ. value	ASTM D 3142/D3142 M-11	
3) Viscosity @ 50°C – S.F. sec	25 – 40	ASTM D 244	
4) Water content % (m/m) (Max)	10 – 20	ASTM D 402	
5) Distillation (corrected to a pressure of 101,33 kPa) Distillate (including water content), % by volume of total distillate to 360°C		ASTM D 402	
to 190°C	25 – 55	ASTM D 402	
225°C	45 – 75	ASTM D 402	
260°C	60 – 90	ASTM D 402	
316°C	80 – 100	ASTM D 402	
6) Viscosity at 60 °C on residue from distillation, Pa.s, min.	30	ASTM D 4402	
7) Stability test	Pass	TS-3 (14)	
8) Uses	Tosas IBE Rejuvenator is a product specially designed to rejuvenate existing dry brittle dense surfaces, which are displaying signs of hairline cracking and slight stone loss.		
9) Application rates The texture of the existing surface largely determines the application rate. Where the rejuvenation sprays are applied to slightly dense surfaces, i.e. Cape seals or asphalt layers, it is advisable to apply a trial section on the surface varying the application rate. Penetration and drying time are to be recorded. (meter square trial strip painted by brush)		Liters Per m ²	
		Invert Emulsion	Residual binder
	Seals	0,5 – 0,6	0,25 – 0,30

Information continues on page 2

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undertaken in our laboratories we advise customers in their own interest to ensure that this data sheet has not been superseded by a more up-to-date publication.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

Date: December 2017



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	Cape seal /Asphalt	0,3 – 0,5	0,15 – 0,25
10) Application temperature	Ambient to 50° C		
11) Cleaning and handling	Refer Safety Data Sheets		

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