



(Pty) Limited

**PRODUCT SPECIFICATIONS****DATA SHEET NO : B6****TOSAS BITUKOTE [bitumen-based pre-coat]**

| 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                      | 38         | ASTM D93                  |         |      |
| 4)       | Water, % by mass or volume                                                                | 0,2                     | 0,2        | ASTM D 95                 |         |      |
| 5)       | Distillation @ 101,325 kPa absolute<br>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                 | 10 – 50    | Tosas                     |         |      |
| 9)       | Striping number                                                                           | Report                  | Report     | Redel and Weber 0 - 10    |         |      |
| 10)      | Typical density in kg/liter                                                               |                         |            |                           |         |      |
|          | @ 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/m3)                                             | Stone size              | 6,7 mm     | 9,5 mm                    | 13,2 mm | 19mm |
|          |                                                                                           | Liters per cube         | 13         | 12                        | 11      | 10   |
| 13)      | Cleaning and handling                                                                     | 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.

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