

EMULSIFIER FOR CATIONIC BITUMEN EMULSIONS

Application

EMULFIX MS-1 is used for the production of a bituminous cationic emulsion that is used in Highway maintenance applications.

EMULFIX MS-1 is used to obtain a slow breaking emulsion using the recommended dosages. These emulsions are used for conventional Slurry and Micro Asphalt Surfacing and Recycling processes.

Dosage

| | | |
|---------------------|-----|------------|
| Bitumen Type 80/120 | ... | 60 - 65% |
| EMULFIX MS-1 | ... | 1.2 - 1.5% |
| Hydrochloric Acid | ... | 1.5 - 2.0% |
| Water balance to | ... | 100% |

(pH 1.7 – 3 adjusted according to Climate & aggregate type)

Physical Properties

| | | | | |
|---|---------------------------|-----|-----|---------------------|
| Appearance at 20° | ... | ... | ... | Viscous dark fluid |
| Appearance of 1% solution in 2% HCl @70°C | ... | ... | ... | Clear to opalescent |
| Amino-Nitrogen | ... | ... | ... | 6 - 13 |
| Composition | Carboxylic Acids and TETA | | | |

Storage & Handling

The Product has a high thermal stability for a minimum of two years. A Material Safety Data Sheet is despatched with each delivery.

Packaging

The product is packed in metal drums (180kg net)
or Intermediate Bulk Containers (IBC) or (1m3Cubic) (900kg net)



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