

MAFCO – ASPHALT EMULSION – CSS-1H

Product Description:

MAFCO CSS-1h is a CATIONIC slow setting asphalt emulsion designed for use as a tack coat, in fine-graded mixes, dust control, fog seal and specialty applications. It is formulated with a harder base (lower penetration) than SS-1 for use in warmer climates

Intended Uses:

Sealing cracks in high ways.
 Prime coat.
 Tack coat.
 Primer for all reinforced bituminous membrane.
 Waterproofing paint under marble and metal sections and cladding works.
 Waterproofing membrane in the below ground structures.
 Fog seal.
 Slurry seal.
 Protective coating for wood.
 Soil stabilization.
 Crack filler

Advantages:

Nontoxic to plants and animals.
 Liquid in normal temperature.
 Nonflammable.
 Good bonding to all surfaces.
 Excellent waterproofing properties.
 Good penetration to all surfaces.
 Can be diluted to any ratio easily.
 Resistant to mid acid and alkaline.
 High flexibility when dried.

Surface Preparation:

Surface should be clean and free from oil or grease or loose particles. It can be applied slightly damp surfaces.

In hot condition damp the surface with water before application then apply two coats. Second coat is applied after the first coat dry to touch. They can be applied by brush roller or by mop.

Rate of Application:

| | |
|--------------------------------|--------------------------|
| Dilute the emulsion with water | : 1.1 |
| Prime coat | : 0.5 to 1.5 lit/sq m. |
| Track coat | : 0.25 to 0.50 lit/sq m. |
| Fog seal | : 0.15 to 0.25 lit/sq m. |

For other coating works consult with the technical department of MAFCO.

Disclaimer: The information given in this sheet is for guidance only. Any person using this product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage arising out of such use. This technical data sheets supersede the previous technical data sheets, and the information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.



Pioneers in Bitumen

MAFCO – ASPHALT EMULSION – CSS-1H

MAFCO SS-1H as A Soil Stabilizer:

Dilution ratio 1 MAFCO CSS-1H : 6 water

Rate of Application:

6 lit/ sq m.

Depth of penetration range: 10 to 20 mm (depends on type of compaction of soil).

Technical Data

| PROPERTIES | TEST METHOD | MIN | MAX |
|-------------------------------------|--------------------|------------|------------|
| Viscosity, Say bolt Furol, 77°F, se | T72 | 20 | 100 |
| Sieve test, | T59 | | 0.1 |
| Miscibility | T59 | PASS | |
| Cement mixing, % | T59 | | 2.0 |
| Storage stability, 1 day, % | T59 | | 1 |
| PARTICALCHARGE | T59 | POSITIVE | |
| Distillation test | T59 | | |
| Residue by distillation, % by w | | 60 | |
| Tests on residue from distillation | | | |
| Penetration, 77°F, 100 g, 5 se | T49 | 40 | 90 |
| Solubility in trichloroethylene, | T44 | 97.5 | |
| Ductility, 77°F, 5 cm/min., c | T51 | 40 | |

Packing:

(200 Liter Drums / 20 Liter Pails / Bulk Tankers)

Storage:

Store in a shaded area. Mild periodical agitation is required. Avoid freezing temperature and above 60 deg C. If properly stored shell life will be 6 months.

Health and safety:

No health hazard associated with MAFCO Bitumen Emulsion in normal use.

Disclaimer: The information given in this sheet is for guidance only. Any person using this product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage arising out of such use. This technical data sheets supersede the previous technical data sheets, and the information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.



Pioneers in Bitumen