

TECHNICAL DATA SHEET – CSS-1H

DESCRIPTION

Blacklidge's CSS-1H is a cationic slow setting asphalt emulsion. Used primarily in the construction of tack coats and other asphalt surface treatment applications.

PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H₂O = 1): 1.03
- Solubility in Water: Dispersible
- Appearance and Odor: Brown liquid with Mild Petroleum Odor

| PARAMETER | TEST METHOD | MIN | MAX |
|--------------------------------------|-------------|----------|------|
| Tests on Emulsion | | | |
| Saybolt Furol Viscosity, SFS @ 25 °C | AASHTO T 72 | 20 | 100 |
| Storage Stability, 1 day, % | AASHTO T 59 | ---- | 1.0 |
| Cement Mixing Test, % | AASHTO T 59 | ---- | 2.0 |
| Particle Charge | AASHTO T 59 | Positive | |
| Residue by Distillation | AASHTO T 59 | 57 | ---- |
| Sieve Test | AASHTO T 59 | ---- | 0.1 |
| Tests on Residue | | | |
| Penetration @ 25 °C, dmm | AASHTO T 49 | 40 | 90 |
| Ductility @ 25 °C | AASHTO T 51 | 40 | ---- |
| Solubility, % | AASHTO T 44 | 97.5 | ---- |

LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. As with any emulsion, do not allow the material to freeze or boil because of aggressive heating. Freezing or boiling of CSS-1H will break the emulsion. CSS-1H IS NOT COMPATIBLE WITH ANIONIC EMULSIONS (RS, MS, SS, etc.). All equipment should be thoroughly cleaned if anionic emulsion was previously present. It is highly recommended for the product to be applied when hot (140°F to 160°F). Please contact your Blacklidge representative prior to first use for detailed storage and handling procedures.

CAUTION

For industrial use only. Refer to SDS for further information.

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.

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