

TECHNICAL DATA SHEET – CQS-1H

DESCRIPTION

Blacklidge's CQS-1H is a high performance, cationic quick setting asphalt emulsion. Used primarily in the construction of slurry seal applications.

PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H₂O = 1): 1.01
- 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	150
Storage Stability, 1 day, %	AASHTO T 59	----	1.0
Particle Charge	AASHTO T 59	Positive	
Residue by Distillation	AASHTO T 59	60	----
Sieve Test	AASHTO T 59	----	0.1
Tests on Residue			
Penetration @ 25 °C, dmm	AASHTO T 49	60	110
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 CQS-1H will break the emulsion. CQS-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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