Homan
Refined Supply

DOCUMENT TYPE
TECHNICAL DATA SHEET

STANDARD
ASTM D2397/D2397M-13 · CRS-2

DOCUMENT REF.
HMN-TDS-EM-CRS2

EFFECTIVE DATE
OCT 2026 · REV. 01

CLASS: BITUMEN EMULSION (CATIONIC RAPID SETTING)

BITUMEN EMULSION CRS-2

RAPID BREAKING CATIONIC ASPHALT EMULSION

DESCRIPTION

HOMAN Bitumen Emulsion CRS-2 is a rapid-setting cationic water-based asphalt emulsion.

KEY FEATURES

- Breaks rapidly on contact with aggregate
- Positive charge suits siliceous aggregates
- Water-based, solvent-free

PRIMARY APPLICATIONS

- Chip sealing and surface dressing
- Sand sealing
- Penetration macadam

INDEPENDENT VERIFICATION

SGS / EQUIVALENT

INDEPENDENT INSPECTION

Pre-shipment inspection by **SGS** or an equivalent independent inspector available on request. A Certificate of Analysis (COA) is issued for every batch.

AVAILABLE PACKING

- LINED STEEL DRUM (200 KG)
- IBC TOTE (1,000 L)

RECOMMENDED: IBC Tote — liquid, low shear; keep from frost.

SPECIFICATION LIMITS · ASTM D2397/D2397M-13 · CRS-2

SPECIFICATION	TEST METHOD	UNIT	LIMIT
Viscosity, Saybolt Furol at 50 °C	ASTM D7496	SFS	100–400
Storage stability, 24 h	ASTM D6930	%	Max 1
Demulsibility, 35 mL 0.8 % DSS	ASTM D6936	%	Min 40
Particle charge	ASTM D7402	—	Positive
Sieve test	ASTM D6933	%	Max 0.10
DISTILLATION (ASTM D6997)			
Oil distillate, by volume of emulsion	ASTM D6997	%	Max 3
Residue	ASTM D6997	%	Min 65
TESTS ON DISTILLATION RESIDUE			
Penetration at 25 °C, 100 g, 5 s	ASTM D5	0.1 mm	100–250
Ductility at 25 °C, 5 cm/min	ASTM D113	cm	Min 40
Solubility in trichloroethylene	ASTM D2042	% m/m	Min 97.5

HS CODE
2715.00

ORIGIN
Iran

HANDLING
Do not freeze or overheat; stir gently before use.

SAFETY
SDS on request

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Values are specification limits per the stated standard; actual results are reported per batch on the Certificate of Analysis (COA).