Homan
Refined Supply

DOCUMENT TYPE
TECHNICAL DATA SHEET

STANDARD
ASTM D977 · SS-1

DOCUMENT REF.
HMN-TDS-EM-SS1

EFFECTIVE DATE
OCT 2026 · REV. 01

CLASS: BITUMEN EMULSION (SLOW SETTING)

BITUMEN EMULSION SS-1

SLOW SETTING ANIONIC ASPHALT EMULSION

DESCRIPTION

HOMAN Bitumen Emulsion SS-1 is a slow-setting anionic asphalt emulsion to ASTM D977, with min 57% residue by distillation.

KEY FEATURES

- Slow setting time for extended workability
- High stability during mixing and pumping
- Mixes with fine aggregate and fillers

PRIMARY APPLICATIONS

- Slurry seals
- Diluted tack and fog seals
- Soil stabilization and dust control

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 D977 · SS-1

SPECIFICATION	TEST METHOD	UNIT	LIMIT
Viscosity, Saybolt Furol at 25 °C	ASTM D7496	SFS	20–100
Storage stability, 24 h	ASTM D6930	%	Max 1
Cement mixing test	ASTM D6935	%	Max 2.0
Sieve test	ASTM D6933	%	Max 0.10
DISTILLATION (ASTM D6997)			
Residue	ASTM D6997	%	Min 57
TESTS ON DISTILLATION RESIDUE			
Penetration at 25 °C, 100 g, 5 s	ASTM D5	0.1 mm	100–200
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).