Homan
Refined Supply

DOCUMENT TYPE
TECHNICAL DATA SHEET

STANDARD
ASTM D2027/D2027M-10

DOCUMENT REF.
HMN-TDS-MC-70

EFFECTIVE DATE
OCT 2026 · REV. 01

CLASS: CUTBACK BITUMEN (MEDIUM CURING)

# CUTBACK BITUMEN MC-70

MEDIUM CURING LIQUID PRIME COAT ASPHALT

## DESCRIPTION

HOMAN Cutback Bitumen MC-70 is a medium-curing cutback asphalt with a higher viscosity than MC-30.

## KEY FEATURES

- Optimal viscosity for dense base penetration
- Controlled evaporation of cutter solvents
- Thicker film than MC-30

## PRIMARY APPLICATIONS

- Prime coating on dense, tightly bonded bases
- Production of cold-mix patching asphalt
- Tack coating between pavement layers

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

- UN 1A1 TIGHT-HEAD STEEL DRUM (180 KG / 200 L)
- ISO TANK CONTAINER

**RECOMMENDED:** Tight-head drum — flammable solvent, sealed packing only.

## SPECIFICATION LIMITS · ASTM D2027/D2027M-10

| SPECIFICATION | TEST METHOD | UNIT | LIMIT |
|---|---|---|---|
| Kinematic viscosity at 60 °C | ASTM D2170 | mm²/s | 70–140 |
| Flash point (Tag open cup) | ASTM D3143 | °C | Min 38 |
| Water | ASTM D95 | % vol | Max 0.2 |
| DISTILLATION (ASTM D402) · % VOL OF TOTAL DISTILLATE TO 360 °C | | | |
| Distillate to 225 °C | ASTM D402 | % vol | Max 20 |
| Distillate to 260 °C | ASTM D402 | % vol | 20–60 |
| Distillate to 316 °C | ASTM D402 | % vol | 65–90 |
| Residue to 360 °C, by difference | ASTM D402 | % vol | Min 55 |
| TESTS ON DISTILLATION RESIDUE | | | |
| Viscosity at 60 °C [1] | ASTM D2171 | Pa·s | 30–120 |
| Ductility at 25 °C | ASTM D113 | cm | Min 100 |
| Solubility in trichloroethylene | ASTM D2042 | % m/m | Min 99.0 |

[1] Alternatively, penetration of residue at 25 °C: 120–250 (0.1 mm), ASTM D5; both are not required.

| HS CODE | ORIGIN | HANDLING | SAFETY | CONTACT |
|---|---|---|---|---|
| 2715.00 | Iran | Flammable: no open flames; heat only in closed systems. | SDS on request | info@homancorp.com |

HOMANCORP.COM

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