Homan
Refined Supply

DOCUMENT TYPE
TECHNICAL DATA SHEET

STANDARD
EXPORT GRADE · ASTM METHODS

DOCUMENT REF.
HMN-TDS-PEN-80100

EFFECTIVE DATE
OCT 2026 · REV. 01

CLASS: PENETRATION GRADE

BITUMEN 80/100

PAVING GRADE ASPHALT CEMENT

DESCRIPTION

HOMAN Penetration Grade 80/100 is a soft paving-grade bitumen with good low-temperature flexibility.

KEY FEATURES

- Good flexibility at low service temperatures
- Lower risk of low-temperature cracking
- Good waterproofing properties

PRIMARY APPLICATIONS

- Paving in cool and cold climates
- Residential street and secondary road paving
- Base bitumen for emulsions and cutbacks

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

- NEW STEEL DRUM (180 KG)
- FLEXITANK (20 MT)
- BULK VESSEL

RECOMMENDED: New Steel Drum — steel walls hold a soft grade in hot transit.

SPECIFICATION LIMITS

SPECIFICATION	TEST METHOD	UNIT	LIMIT
Specific Gravity at 25 °C	ASTM D70	—	1.01–1.05
Penetration at 25 °C, 100g, 5s	ASTM D5	0.1 mm	80–100
Softening Point	ASTM D36	°C	42–52
Ductility at 25 °C	ASTM D113	cm	Min 100
Loss on Heating	ASTM D6	% m/m	Max 0.5
Flash Point	ASTM D92	°C	Min 225
Solubility in Trichloroethylene	ASTM D2042	% m/m	Min 99
Spot Test	AASHTO T102	-	Negative

80/100 is an export designation, not an ASTM D946 grade (nearest D946 grade: 85-100). Limits shown are the refinery export specification, tested to ASTM methods.

HS CODE	ORIGIN	HANDLING	SAFETY	CONTACT
2713.20	Iran	Heat in controlled-temperature tanks; avoid local overheating.	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).