

Technical Data Sheet

HR HOT BITUSEAL 60/70

Hot Applied Bitumen



Product Description

HR Hot BituSeal 60/70 is a high-quality hot applied paving grade bitumen manufactured in compliance with international standards. It is designed for road construction, waterproofing, and industrial applications, offering excellent binding, waterproofing, and durability properties when heated and applied in molten form.

Key Features & Benefits

- Excellent adhesion and binding properties
- High resistance to water and weathering
- Durable performance under varying temperatures
- Uniform consistency when heated
- Suitable for industrial and construction applications
- Technical Properties



Property	Typical Value	Test Method
Penetration @ 25°C	60 – 70 (0.1 mm)	ASTM D5
Softening Point (R&B)	48 – 56°C	ASTM D36
Ductility @ 25°C	≥ 100 cm	ASTM D113
Flash Point	≥ 230°C	ASTM D92
Solubility in Trichloroethylene	≥ 99%	ASTM D2042
Loss on Heating	≤ 0.2%	ASTM D6
Specific Gravity @ 25°C	1.01 – 1.06	ASTM D70



Method of Application

1. Heat the bitumen gradually in a mechanical bitumen boiler until it reaches application \ temperature.
2. Avoid overheating; maintain temperature between 150°C – 180°C.
3. Ensure surface is clean, dry, and primed where required.
4. Apply hot bitumen using pouring, brushing, or spreading tools.
5. Allow the applied layer to cool and set before further work.

Surface Preparation

- Surfaces must be free from dust, oil, moisture, and loose materials.
- Apply bitumen primer on concrete or masonry surfaces for improved adhesion.

Storage & Shelf Life

- Store drums in a covered area away from direct sunlight
- Protect from water and contamination
- Shelf Life: 24 months in unopened packaging

Health & Safety

- Hot bitumen can cause severe burns – handle with extreme care
- Use protective clothing, heat-resistant gloves, face shield, and safety shoes
- Avoid inhalation of fumes
- Refer to MSDS for complete safety information

Limitations

- Must be applied hot – not suitable for cold application
- Do not overheat to avoid degradation
- Not recommended for application during rain or high moisture conditions

Disclaimer

The information contained in this Technical Data Sheet is based on laboratory testing and practical experience. Actual results may vary depending on site conditions and application methods. The manufacturer shall not be held responsible for improper handling or application.

