

Technical Data Sheet

HR EMULSION PRIME

Bitumen Emulsion (Primer)



Product Description

HR Emulsion Prime is a high-quality bitumen-based emulsion primer specially formulated for surface preparation prior to the application of bituminous membranes, hot mix asphalt, or other waterproofing systems. It ensures excellent adhesion between the substrate and subsequent bituminous layers.

Applications

- Priming of concrete, masonry, plastered, and metal surfaces
- Road construction and maintenance works
- Waterproofing systems for roofs, basements, and foundations
- Surface preparation before laying asphalt or bituminous coatings

Key Features & Benefits

- Ready-to-use, cold-applied primer
- Excellent adhesion and penetration
- Improves bonding of bituminous layers
- Quick drying and easy application
- Non-flammable and eco-friendly (water-based)



Technical Properties

Property	Typical Value
Appearance	Dark Brown / Black Liquid
Base	Bitumen Emulsion
Consistency	Free-flowing liquid
Solid Content	30% – 55% (Approx.)
Drying Time	2 – 4 hours (depending on temperature).
Application Temperature	+5°C to +45°C
Coverage	0.2 – 0.4 kg/m ² (depending on surface porosity)



Method of Application

1. Ensure the surface is clean, dry, and free from dust, oil, or loose particles.
2. Stir the emulsion thoroughly before use.
3. Apply using brush, roller, or spray equipment.
4. Allow the primer to dry completely before applying the next bituminous layer.

Surface Preparation

- Remove all loose materials, grease, oil, and contaminants.
- Highly porous surfaces may require dilution with clean water (up to 20%).

Storage & Shelf Life

- Store in a cool, dry place away from direct sunlight.
- Protect from frost.
- Shelf Life: 6–12 months when stored in unopened original packaging

Health & Safety

- Non-hazardous under normal conditions of use
- Avoid contact with eyes and skin
- Use protective gloves and goggles during application
- Refer to MSDS for detailed safety information

Disclaimer

The information provided in this Technical Data Sheet is based on laboratory tests and practical experience. Actual performance may vary depending on site conditions and application methods. The manufacturer is not liable for improper use of the product



