

CHEM BITUMEN

ECO-FRIENDLY POLYMERIZED BITUMEN BASED
PRIMER AND SEALER

Data Sheet



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Product Description

CHEM BITUMEN is a cold-applied, solvent-based bituminous primer. It is formulated with oxidized bitumen mixed with petroleum solvents and additives, complying with the **ASTM D 41** standard.

Primary Uses

CHEM BITUMEN is suitable for use before applying modified bituminous membranes or asphalt coatings:

Waterproofing & Damp Proofing: Ideal for roofing and structures above or below ground level.

Bonding Enhancement: Penetrates concrete surfaces to bind dust particles, helping the adhesion of membranes and bitumen coatings.

Weather Protection: Protects metals exposed to various weather conditions.

Application & Safety

- **Surface Preparation:** Surfaces must be clean, dry, and free from dust, oil, grease, or loose concrete. Holes should be filled and angle fillets prepared before use.
- **Application Rate:** Apply at a rate of 1.5kg–2kg/100sft using a brush, roller, or squeegee.
- **Safety Precautions:** **CHEM BITUMEN** is flammable and contains volatile solvents; keep away from open flames and ensure adequate ventilation.
- **Storage:** Store in a dry, shaded area in an open space, ensuring the lid is always closed after use.
- **Packing:** Available in 30-liter pails and 200-liter drums.

Technical Specifications

The following values are provided based on standard testing methods:

Property	Value	Test Method
Density at 25°C	0.87 - 0.90 Kg/Liter 7	ASTM D 70 8
Non-volatile % wt.	45 (min) 9	ASTM D 402 10
Volatile % wt.	55 (max) 11	ASTM D 402 12
Viscosity at 25°C	\$70 - 150\$ cps 13	Brookfield 14
Solubility in Trichloroethylene	99% (min) 15	ASTM D 2042 16
Drying Time	~3 Hours 17	Dependent on Ambient Temp. 18