

KUT BITU PRIME NO. 1

A Highly Penetrative, Cold Applied Bitumen Primer

PPC-38-1110



DESCRIPTION

KUT BITU PRIME NO.1 is a premium quality, quick drying based bitumen primer. It acts as a primer and sealer coat for masonry and concrete to improve the bonding of bituminous materials.

ADVANTAGES

- Binder for dust particles.
- Improves the bond of bituminous materials.
- Cold applied, does not require heating, thinning and mixing.
- Anti corrosive.
- Economical.

STANDARDS

Confirms to ASTM D 41 – Asphalt primer for roofing, damp proofing and waterproofing. BS 3416 – Bitumen based coatings for cold application, suitable for use in contact with potable water.

USES

Used as a primer coat prior to the application of waterproofing membranes, bitumen coatings and asphalt products.

APPLICATION

The surface must be clean and free of oil, grease and any other loosely adhering particles. The surface must be dry before priming with **KUT BITU PRIME NO. 1**. The primer can be applied straight from the container with standard brushes, squeegees, roller or spray equipment. The primer should be allowed to dry naturally before the application of subsequent layers.

TYPICAL PROPERTIES

PROPERTIES	RESULT	TEST METHOD
Density	0.87-0.89 g/cc	ASTM D 70
Viscosity at 25°C (Brookfield Viscometer)	100-150 cps	ASTM D 5018
Drying time	24 hrs @ 30°C	BS 3900
Tack Free time, Hour	2 hrs @ 30°	-
Distillation, Vol % of the primer - Up to 225°C - Up to 360°C	35 (minimum) 65 (maximum)	ASTM D 402
Test on residue from distillation: - Penetration at 25°C - Solubility in Trichloroethylene %	20 – 50 dmm 99	ASTM D5 ASTM D 2042
Water content %	0.5 (maximum)	ASTM D 95
Felexibility	Pass	BS 3416
Flash point	38°C	ASTM D 3143
Effect on potable water	Pass	BS 3416

COVERAGE, STORAGE & PACKAGING

Coverage: 4 – 6 m² / litre / coat. However, the coverage will depend on the porosity of the substrate. In order to ascertain the exact coverage, it is suggested a trial application is carried out at site.

Storage: The drums should be stored under a shedded area, away from direct sunlight and protected from extreme temperatures. The shelf life of **KUT BITU PRIME NO. 1** is up to 12 months if stored as per the recommendations. Failure to comply with the instructions may result premature deterioration of the product.

Packing: **KUT BITU PRIME NO. 1** is available in 18 litres pails and 200 litres drums.

HEALTH AND SAFETY

KUT BITU PRIME NO. 1 contains volatile solvent with a low flash point (38°C). it should be kept for away from naked flame and flame. Avoid inhalation of vapors and ensure there is adequate ventilation in the work place. Gloves, protective masks and goggles should be worn during application. If swallowed seek medical attentions immediately.



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