

KUT ROOFLEX

Acrylic Roof Coating

PPC-12-1012



DESCRIPTION

KUT ROOFLEX is a flexible, elastomeric coating based on acrylic co-polymers. Applied as a liquid it cures to form a durable, protective, waterproof membrane.

It is applied by brush or roller to a thick highly durable coating. It can be applied on concrete asbestos, wood, brick/stone, tiles and textiles. It is a single component emulsion containing inert pigments and has a brushable consistency.

USES

- **KUT ROOFLEX** is primarily used for protection of roofs and designed for the protection of concrete structures against carbonation and chloride ingress.
- The product is also suitable as a seamless and elastomeric waterproofing coating for timber, asbestos/fibre cement and zinc sheets, asphalt, built-up felt and tiles.
- It can also be used under terrazzo or tile floors, showerpans, kitchen, laundry and bathroom floors.

ADVANTAGES

Durability: High acrylic polymer content ensures excellent durability.

Elastomeric: Optimum tensile strength and elongation ensures elastomeric nature.

Ease of use: Very easy to apply by brush, roller or airless spray and is ready to use.

Handling: Non flammable and safe handling ensured by water based nature of product.

Protective: Barrier against salts and atmospheric gases.

High build: Masking imperfections is substrates.

Waterproof: Protects concrete from waterborne salts.

U. V. Stable: Maintains its appearance.

TYPICAL PRODUCT DATA

- **Finish:** Smooth. Water only.

- **Colour:** White, Grey, Light Blue and Pale Yellow.
- **Weight per Litre:** 1.3 kg.
- **Elongation:** 400%.
- **Working Temperature:** 5 - 50°C.
- **Water Vapour Transmission:** 43 g/m²/24 hr.
- **Chloride Ion Diffusivity:** 4.9 x 10⁻¹⁰ cm²/s
- **Film Thickness:**
 - Wet: 0.7-0.9 mm per coat.
 - Dry: 0.3-0.4 mm per coat.
- **Flash Point:** Non Flammable.
- **Chemical resistance:** Resistance to spillage of gasoline, diesel, sewage, weak acids and alkalis.
- **Packaging:** 17 kg drums
- **Coverage:** 0.6 to 0.9 kg per m² per coat

METHOD OF APPLICATION

KUT ROOFLEX can be applied by brush, roller or airless spray. All, surfaces to be coated must be clean dry and free from dust, dirt, oil, grease and other contaminants. A typical four coat application system applied at the rate of 300 to 400 microns per coat would yield a total thickness of 1.5mm (1500 microns). In order to achieve this the application should be carried out at the rate of 0.6 to 0.9 kg per m² per coat.

Coverage varies, and depends on the factors such as type and quality of substrates and method of application.

DRYING TIME

Temp.	Dry to Touch	Hard Dry
25°C	8 Hrs	24 Hrs
35°C	7 Hrs	20 Hrs
45°C	6 Hrs	18 Hrs

Allow 24 hours between coats. A final curing time of 48 hours is adequate at normal working temperatures. Low temperatures and high atmospheric humidity will slow down the curing rate and vice versa.



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Note: Never apply in rain or substrate immersed in water.
Do not clean the cured coat with brooms that have bristles.

MIXING AND THINNING

Materials must be carefully mixed and thinned to application consistency with fresh water only. Care should be taken during mixing in order to avoid aeration of the material.

CLEANING

For cleaning of the tools and equipment use fresh water only.

STORAGE AND HANDLING

The product must be stored in accordance with national regulations. The product should be kept in a cool and well ventilated place, protected from heat and direct sunlight. Containers must be tightly closed.

Stir the contents before use.

FIRE

Water based material, therefore non flammable.

SAFETY PRECAUTIONS

Take precautions to prevent material entering the eyes. Wear goggles while applying. Provide adequate ventilation. Wear face masks during application.

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