

# KUT DURACOAT SB 300 PU

## Solvent Based Aliphatic Polyurethane Clear Coating & Sealer

PPC-22-1110



### DESCRIPTION

**KUT DURACOAT SB 300 PU** is a two component clear polyurethane system made of hydroxylated acrylic polymer as Part A and an aliphatic isocyanate as Part B. Mixing Part A & Part B induces a cross linking reaction which produces a clear polyurethane coating after curing.

### USES

- As a protective coating for mortar, concrete, metals and wood. It acts as a sealer, protecting it from water, lime, salts etc. It also increases abrasion resistance.
- Good penetration into cement based substrates, gives very good anti – efflorescence properties.
- As a sealer for porous substrates such as natural stones such as marble, granite etc., terrazzo, cement based screeds, underlays, masonry substrates.
- Interlock paving blocks retain their original colour on outdoor exposure.
- As a coating for dust free atmosphere.

### ADVANTAGES

- Excellent penetration capacity and consolidation power.
- Aliphatic system makes suitable for outdoor exposure.

### TYPICAL PROPERTIES

- **Specific Gravity (mixed):** 0.915
- **Pot Life:** 8 hrs. @ 25°C (In closed container).
- **UV Resistance:** Good
- **Chemical Resistance:** Resistant to various chemicals \*
- **Recoating Interval:** 1 hr after each coat.

**Note:** \* - specific details available on request.

### APPLICATION INSTRUCTIONS

**Surface Preparation:** **KUT DURACOAT SB 300 PU** will adhere to most surfaces and other paints, but best results are achieved when the surfaces are clean, sound and free from other paints. Surfaces to be treated must be completely dry and free of any surface moisture.

When applying over prepainted surfaces, a test application should be carried out to ensure compatibility. All loose and flaky paint should be removed and the surface sanded down.

**Mixing:** Mix Part B into Part A under slow speed mixing using a spark proof mechanical drill fitted with suitable paddle. The RPM of the drill should not be more than 400. Mixing part pack is not preferable, but in case of such need mixing ratios are 100 Part A : 7 Part B by volume. The mixed material shall be used with 6 hrs. at 25°C. the mixed material shall be covered if it is not being used immediately to avoid loss of solvent.

**Application:** Application can be done by brush, roller or conventional spray equipment. For application spray if the viscosity is greater than 20 seconds when measured with Ford Cup B4 add sufficient quantity of **KUT SOLVENT PS** or **PU** grade solvent / thinner to adjust the viscosity to 20 seconds.

**Cleaning:** Tools and equipment used for **KUT DURACOAT SB 300 PU** can be cleaned with **KUT SOLVENT PS**. Cured material needs mechanical removal.

### PACKING AND COVERAGE

**KUT DURACOAT SB 300 PU** is available in 5 ltr. packs. Coverage depends on surface porosity but generally it is 5 – 8 m<sup>2</sup>/ltr.

### THICKNESS

Depends upon the surface conditions.



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## STORAGE

**Shelf Life:** 6 months if kept in unopened cans and stored in a dry place away from sunlight below 25° C. Any can which is opened must be used on the same day, close cans immediately after removing material in parts.

**Storage Conditions:** store in dry conditions in the original and unopened packs, below 25°C and away from direct sunlight and source of ignition and spark.

## PRECAUTIONS

**Cleaning:** Spilled material of **KUT DURACOAT SB 300 PU** Part A can be cleaned with **KUT SOLVENT PS**. Any spillage of Part B should be absorbed with sand or earth and disposed in accordance with local regulations. Clean tools and equipments with **KUT SOLVENT PS** immediately.

## HEALTH AND SAFETY

**KUT DURACOAT SB 300 PU** should not come in contact with skin eyes or be swallowed. Avoid prolonged inhalation of the vapours. Some people are sensitive to isocyanates, therefore, protective gloves, goggles, and barrier creams should be used. Ensure adequate ventilation and if working in enclosed areas, suitable breathing apparatus should be used. If an accidental eye contamination occurs with any of the above products, wash well with plenty of clean water and seek medical advice immediately. **DO NOT INDUCE VOMITING**. Refer our safety data sheets before using this material.

Base component is highly flammable.

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