

# ShaliFloor® PU WB 2 ES



2K Water Based Polyurethane Scratch Resistant Sealer

STP Limited

## Description

**ShaliFloor® PU WB 2 ES** (Formerly known as ShaliUrethane SR WB) is medium hard two component water based Polyurethane coating which exhibits excellent toughness along with scratch hardness and anti-skidding properties. It can be used as a top coat for Polyurethane / Epoxy flooring.

## Characteristics

Pot Life, @ 30 °C, hr	3	Surface Dry, @ 30 °C	30 – 45 Min
Density	1.02 ± 0.02	Pencil Hardness, hr	5
Theoretical Coverage*	100 – 120 gm/m <sup>2</sup> / 2 coat on smooth surface	Tabber Abration, 1000 round, mg	26
		Appearance	Matt
		DFT in microns	30 - 40

\* Depending upon surface condition.

## Application

- Applied on Polyurethane and Epoxy floorings.

## Advantages

- Excellent adhesion and flexibility.
- Resists scratch / abrasion / black heel mark
- Resistant to UV / weather.
- Resists chemical / normal cleaning agents used in house-keeping

## Application Methodology

### ➤ Surface Preparation

- Prepare the surface by mechanical grinding or other suitable method.
- Remove dust, flakes, oil, grease or other loose foreign particles by sand blasting, iron brush or compressed air. Remove old painting using surface grinder.
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- For best bond, concrete surface must be slightly textured.
- Allow it to dry before priming.

### ➤ Material Preparation

- Mix **ShaliFloor® PU WB 2 ES** component A (Resin) & B (Hardener) thoroughly by using speed drill mixer with a spiral type blade at the bottom of stirrer rod. The speed may be 1000 rpm till homogeneous mix is obtained.
- After stirring, wait for the product to settle in order to let entrapped air escape.

### ➤ Application of Material

- Prime concrete surface with ShaliPrime 2E and in case of metal surface, prime with ShaliPrime Zn R.
- Apply mixed **ShaliFloor® PU WB 2 ES** on primed surface immediately by brush / trowel.

## Cleaning & Maintenance

Clean tools and equipments with water.

## Health & Safety

- Avoid contact with skin / eyes, and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

## Packing

Available in 1 kg unit.

## Storage

Store in cool dry place, under shed, away from heat.

## Shelf Life

12 months in original unopened sealed conditions.

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