



REF : TKPU 2017 03

# Resutack PU

## DESCRIPTION

Resutack PU is a two-pack solvent-free epoxy bonding primer coat, designed for easy application, and instant bonding with excellent adhesion properties.

Resutack PU is principally designed to be used with polyurethane coving systems and will provide an instant strong bonding between the coving and the substrate when applied wet on wet with no waiting time to tack off.

## ADVANTAGES

- Excellent adhesion
- Strong chemical bond with the coving
- Versatile for varied applications
- Low odour
- Solvent free
- Ease of application
- Used as wet on wet system with no waste of time.

## RECOMMENDED USES

- As a coving tack primer for Resuthane JT44

## PRODUCT INFORMATION

Recommended System thickness (Wet)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
100-150 microns (depends on surface roughness)	100%	1 kg.	1 x Base 1 x Hardener	12 Months (Base & Hardener)	Keep out of direct sunlight/store in a dry place between 15-30 °C

## DRYING TIMES & COVERAGE RATES at 20°C

Coverage rate (Theoretical)	Pot life	Recoat time	Light traffic	Full traffic	Full chemical cure
1 kg will cover 24 linear metres @ 150 microns Thickness for a cove height of 150mm and a base of 100mm	30 minutes from mixing	Coving Screeds should be applied immediately to the wet primer	24 Hours (dependant on the top coat)	72 Hours	Up to 7 Days



## Specification

Product : Resutack PU

Finish : Smooth Gloss

Thickness : Recommended 100-150 microns

Colour : Clear

System : As specified

Surface Seal : Not applicable

## Preparation

**Resutack PU** provides excellent adhesion both as a tack coat/primer for coving applications with easy application and good surface wetting properties. Where surfaces are very porous and/or absorbent, a coat of **Resutack PU** is required as a pre-primer coat before a second coat is applied as a tack primer.

**New Concrete Surfaces:** New concrete must be clean, sound, dry and fully cured and surface laitance removed preferably by enclosed shot blasting or mechanical grinding, a minimum strength of 25N/mm<sup>2</sup> is required. Do not apply to substrates with moisture readings of 75 % RH or above. If substrates do have higher moisture levels prime the substrate with **R.S. Dampshield** (number of coats dependent on moisture content, please refer Dampshield data sheet) then apply one coat of **Resutack EP** for the coving.

**Existing Concrete Surfaces:** Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding. Fats, oils or greases must be removed by mechanical means and detergent washing. Local repairs should be carried out using **Resupatch** or **Resuscreed 45**. If the substrate appears very weak and dusts easily the matrix of the screed can be strengthened by installing **Resutop Binder** a low viscosity binder for formulated for defective substrates. (Contact RSL for further information).

**Resutack PU** can also be applied to existing coatings and other resin modified cementitious screeds which should be clean and sound with an appropriate mechanical key for adhesion.

## Application

The ambient temperatures of the areas should not be allowed to fall below 15°C throughout the application and the curing period and the surface temperature must be above 10°C.

Where possible it is recommended that the application area is heated to a minimum temperature of 15°C ideally to allow the ambient and substrate temperature to stabilise prior to installation.

**Mixing:** Mix the entire contents of the hardener with the base. If a separate mixing bucket is being used mix thoroughly ensuring all contents of both components are removed from the buckets supplied. Mix using a slow speed electric mixer for approximately two minutes or until the two components have fully combined.

The mixed unit should be applied immediately. Apply the product by brush or roller, in even strokes maintaining the coverage rate. Once it has been applied the coving material **MUST** be applied whilst the primer is wet. If the **Resutack PU** is left to dry then a second coat is necessary to achieve the proper bond between the primer and the coving.

## Category Guide

FeRFA Category : 2

## Technical Information

The following figures are obtained from laboratory tests and our experience with this product.

Slip Resistance	n/a
Bond Strength (BS EN 13892-8:2003)	3.3 N/mm <sup>2</sup>
Abrasion Resistance Method BS8204 /ASTM D4060	n/a
Temperature Resistance	Tolerant of sustained temperatures of up to 60°C
Chemical Resistance	Good Chemical Resistance Consult RSL on specific materials
Compressive Strength	n/a
Flexural Strength	n/a
Tensile Strength	n/a
VOC	<84 g/l Calculation based on a full mixed unit

## Health and Safety

**Resutack PU** is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by the Resin Surfaces Limited or its agents is based on the information supplied by the purchaser. Resin Surfaces Limited cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents. Some materials are derived from natural sources. As such some variation may occur. Site conditions may also contribute to variation in finish and colour.