



# Resutack EP

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## DESCRIPTION

Resutack EP is a single pack solvent-free bonding primer coat, designed for easy application, and instant bonding with excellent adhesion property Resutack EP is principally designed to be used with epoxy 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
- Solvent free
- Low odour
- Versatile for varied applications
- Ease of application
- Wet on wet system with no waste of time

## RECOMMENDED USES

- As a primer for vertical surfaces and coving for epoxy screeds such as:
- Resuscreed 45
- Resuscreed 55
- Decora MS
- Resucrete
- Resupatch

## PRODUCT INFORMATION

<b>System Thickness (Recommended)</b>	100-150 microns DFT
<b>Solids Content by Weight</b>	100%
<b>Pack Sizes</b>	1 kg
<b>Pack Make Up</b>	Base Only—Single Pack Material
<b>Shelf Life</b>	12 months (Base)
<b>Storage</b>	Keep out of direct sunlight. Store in a dry place, between 15°C and 30°C.

## APPLICATION INFORMATION at 20°C

<b>Coverage Rate (Theoretical)</b>	1 kg will cover 6m <sup>2</sup> or 24 linear metres for a cove height of 150mm and a base of 100mm at 150 microns WFT <small>* Coverage rate is calculated based on a sealed and smooth surface and may vary based on the substrate roughness and other conditions.</small>
<b>Pot Life</b>	N/A
<b>Recoating Intervals</b>	Epoxy screeds should be applied immediately to the wet primer (delay time is not required)
<b>Light Traffic</b>	12-18 hours (dependant on top coat)
<b>Full Traffic</b>	24-36 hours (dependant on top coat)
<b>Full Chemical Cure</b>	7 days



## Specification

**Product :** Resutack EP

**Finish :** Smooth gloss

**Recommended thickness range :** 100-150 microns DFT per coat

**Colour :** Clear

## Products required for this system

**Primer :** One coat of R.S. Dampshield, Resuprime NT or Resuprime PP (depending on substrate condition) must be applied prior to tack primer to secure proper bonding to the substrate.

**System :** As per specification

**Surface Seal :** As per specification

## Preparation

**Resutack EP** provides excellent adhesion as a tack primer for coving with ease of applications and good surface wetting properties.

**Resutack EP MUST** always be applied on primed surface, as a tack primer coat.

**New Concrete Floors:** 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.

**Existing Concrete Floors:** 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 formulated for defective substrates. (Contact RSL for further information).

**Resutack EP** 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.

## Priming

Open and porous substrates may require priming with **Resuprime PP** or **Resuprime NT** on dry substrates only with less than 75% ERH reading.

Where the Relative Humidity of a substrate exceeds 75% ERH **R.S. Dampshield** should be specified and selected on the basis of hygrometer readings in accordance with BS 8203. The number of coats to be applied is chosen in accordance with the following table.

ERH%	Required Coating Thickness
75-85	1 coat of R.S.DAMPShield at 200 microns per coat
85-92	2 coats of R.S.DAMPShield at 200 microns per coat
92-97	3 coats of R.S.DAMPShield at 200 microns per coat

**Resutack EP** should be applied once the substrate has been primed and cured. For Further information please refer to recommended individual product data sheets.

## Application

The ambient temperatures of the areas should not be allowed to fall below 15°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system. 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.

This product is a single component system and supplied in a ready to use form. There is no need for mixing or agitation of the unit.

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 EP** is left to dry then a second coat is necessary to achieve the proper bond between the primer and the coving.

Coverage rates may vary depending on profile and porosity of the substrate.

## Category Guide

FeRFA Category : 2

## Technical Information

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

Temperature Resistance Tolerant of temperatures up to 60°C

VOC <1 g/l calculated per full unit

Life Expectancy Dependant on floor system.

## Maintenance and Cleaning

Not applicable when used as a primer. Sherwin-Williams recommend that **Resutack EP** should be cleaned with a regular industrial cleaning regime with a floor scrubber utilising **R.S. Industrial Floor Cleaner** or similar with dirty water being removed. Isolated localised cleaning can be carried out using **R.S. Tyre Mark Remover, R.S. Fats, Oils & Grease Remover & R.S. Oil Remover**. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

Please refer to the Sherwin-Williams Guide to Cleaning of Resin Floors

## Health and Safety

**Resutack EP** 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 Sherwin-Williams or its agents is based on the information supplied by the purchaser. Sherwin-Williams 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.