



A **SHERWIN-WILLIAMS** Company

# Resupen SPD Clear

REF : RCPD/CL 2016 11

## DESCRIPTION

A single pack water based Polyurethane clear sealer coat suitable for a wide range of surfaces. Suitable for single coat application, or as the finishing coat to a system, Resupen SPD Clear coatings achieve excellent adhesion, coupled with excellent wearing properties whilst retaining good levels of flexibility. Available in three grades Clear Gloss / Clear Matt / SR Clear Matt (Slip resistant)

## ADVANTAGES

- UV Stable
- Low VOC content
- Easy to use and maintain
- Fast drying time
- Excellent film clarity
- Good resistance to water marking

## RECOMMENDED USES

- For internal and external use
- Domestic, commercial and similar light duty applications
- Useable on wood and concrete
- Suitable for walkways steps ramps and decking SR Grades
- Provides an excellent surface seal to screeds and concrete surface

## PRODUCT INFORMATION

System thickness (dry)	Solids content by Volume	Pack sizes	Pack make up	Shelf life	Storage
Gloss / matt 28 microns at 10 m <sup>2</sup> /l SR 31 microns at 10 m <sup>2</sup> /l	Gloss / Matt 28-30%  SR Matt 30-32%	5 litre	Single component product	12 months	Protect from Frost . Store in a dry place, not below 15 ° C

## APPLICATION INFORMATION at 20°C

Coverage rate	Pot life	Recoat time	Light traffic	Full traffic	Full chemical cure
5 litres will cover 50 m <sup>2</sup> @ 100 microns Wet film thickness	N/A	Once surface has lost tackiness 1-2 hrs	3-4 Hours	12 Hours	24 hrs



## Specification

Product : **Resupen SPD Clear**

Finish : Clear Gloss, Clear Matt and Clear Matt SR (Slip resistant)

Thickness :  
Gloss/Matt - 28 microns dry film per coat @ 10 m<sup>2</sup>/l  
SR Matt - 31 microns dry film per coat @ 10 m<sup>2</sup>/l

Colour : Clear

## Products required for this system

Prime: Check with RSL for nonspecific surfaces

System: Resupen SPD products are Single pack, single or multi coat products

Surface seal: n/a

## Preparation

**New Concrete Floors:** New concrete must be clean, sound, dry and fully cured, with the surface laitance removed. Do not apply to substrates with moisture readings of 75% ERH or above. If substrates are found to have higher moisture levels, the surface should be allowed to dry before application of the product.

**Existing Concrete Floors:** Remove all dirt, oil, grease or other surface contaminants by suitable mechanical means. This may be by grinding or blasting. Consideration should be given to the effect that the surface preparation may have as this may remain visible after the film is dry. Fats, oils or greases must be removed by mechanical means and detergent washing. RS Oil Pre-treatment and RS Industrial floor cleaner may be used in this process.

Porous ceramic and stone surfaces should be thoroughly cleaned and where appropriate treated with a suitable biocidal treatment prior to coating. It should be noted that a colour change to that of the wet surface may result from the application of this product to some surfaces.

Open, porous substrates may require multiple coats to achieve a uniform and sealed surface. Care should be taken to ensure that each coat is dry before the application of the next coat.

**Resupen SPD** Clear coatings can be applied to cementitious materials, and also be applied to existing coatings following suitable preparation, and to timber surfaces which should be clean and sound with an appropriate mechanical key for adhesion.

## Application Method

The ambient temperatures of the substrate should not be allowed to fall below 10°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system.

It is recommended that good ventilation should be maintained and that atmospheric relative humidity should be under 65% at the time of application, as this will assist the drying process.

**Mixing:** This product is supplied in a ready to use form, however it is recommended that the product is stirred before use to ensure that any settlement is re-dispersed.

**Application:** Apply **Resupen SPD** by brush or roller, in even strokes maintaining the coverage rate. Take care to ensure that the working (wet) edge is maintained during the application. Lay off in one direction with finishing strokes.

SR Grades should be premixed to re-disperse any settlement, and applied by use of a good quality lambs wool roller.

## Category Guide

FeRFA Category : 1

## Technical Information

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

Slip Resistance	Dry	Matt >50
Method BS7976 pt1-3 2002	Wet	Please consult RSL

The slip resistance of a floor surface can vary as a result of installation process, conditions applying at the time of application and subsequent traffic. Inappropriate cleaning or maintenance can adversely affect the performance. For potential wet areas, please consult RSL for further details.

Abrasion Resistance	N/A
Method BS8204 /ASTM D4060	

Temperature Resistance	Tolerant of sustained temperatures of up to 50 °C
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Chemical Resistance	Good Chemical Resistance Consult RSL on specific materials
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Compressive Strength	n/a
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Flexural Strength	n/a
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Tensile Strength	n/a
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VOC	28 g/l
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Calculation based on a full mixed unit

Life Expectancy	1 year plus Based on two coats each 100 micron wet film thickness subject to light Duty Traffic. RSL terms and conditions will apply
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## Maintenance and Cleaning

RSL recommend that **Resupen SPD Clear** coatings should be cleaned with a regular cleaning regime 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 & 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 RSL Guide to Cleaning of Resin Floors**

## Health and Safety

**Resupen SPD** 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.