



A **SHERWIN-WILLIAMS** Company



REF : PEWB 2016 06

# Resupen WB Clear

## DESCRIPTION

Resupen WB Clear is a water white clear UV Light fast polyurethane finish for application onto concrete, plaster and wood or as a seal coat on a variety of RSL wall and flooring systems.

Grades Available : - Resupen WB Std - for a satin finish  
Resupen WB Matt - for a matt finish

## ADVANTAGES

- UV stable finish
- Water white
- Good abrasion & impact resistance
- Resistant to hot water
- Good chemical resistance
- Hygienic
- No VOC's

## RECOMMENDED USES

- As a seal coat for Resuscreed Quartz, Resuscrete 16NT & TS, Resuscreed43 & 50
- Where a matt finish is required
- Food factory
- Pharmaceutical & healthcare
- Light stable top coat
- As a wall finish seal coat onto prepared existing coatings

## PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
40 microns	38%	5 Litre	1 X Base 1 X Hardener	12 Months (Base & Hardener)	Keep out of direct sunlight. Store in a dry Place

## DRYING TIMES & COVERAGE RATES at 20°C

Coverage rate	Pot life	Recoat time	Light Traffic	Full Traffic	Full chemical cure
Standard : 5 litres will cover 40 m <sup>2</sup>  Matt : 5 litres will cover 40 m <sup>2</sup>	1-2 Hours	6 - 8 Hours	12-16 Hours	48 Hours	Up to 7 Days



BRITISH COATINGS FEDERATION



## Specification

Product : Resupen WB Clear

Finish : Semi-Gloss or Matt Finish

Thickness : 40 Microns

Colour : Clear

## Products required for this system

Primer : Resuseal Clear depending on substrate

System : Resupen WB Clear Matt or Satin

Surface Seal : N/A

## Preparation

Surfaces to be coated must be clean, dry and free of loose contaminants.

Air temperature 5-30°C, humidity 70% RH maximum. Ensure good drying conditions prevail throughout the application and cure of the product.

Care must be taken when mixing to ensure that the hardener is properly dispersed. Do not add water to this product.

Avoid air entrainment into the product whilst mixing.

## Priming

If applied direct to concrete one or two coats are generally applied onto a primer coat of **Resuseal WB Clear** or **Resuseal WB Colour**. Several coats may be required for good opacity to cover a patchy substrate.

If applied onto an RSL system such as **Resuscreed Quartz** a primer is not necessary.

## Application

**Mixing:** Pre-mix the base component to a uniform consistency then mix the entire contents with the hardener. If a separate mixing bucket is being used ensure all contents of both components are removed from the buckets supplied. Mix using an electric mixer for approximately two minutes until the two components have fully combined. The mixer should have enough shear to create a creamy consistency in the bucket, this may require a medium or high speed.

The mixed unit should be applied immediately by roller or brush with a consistent procedure. Areas should be cross-rolled to ensure even application and to minimise roller marks.

The ambient temperatures of the areas 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. Surface temperature must be above 5°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.

Increased non-slip performance can be achieved by incorporating aggregate, such as Aluminium Oxide 0.3mm, into the **Resupen WB Clear** as it is applied by roller.

Depending on the thickness applied Resupen Matt may impart a semi-opalescent surface to dark colours.

## Category Guide

FeRFA Category : 1

## Technical Information

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

Slip Resistance	Std Dry > 50	Matt > 60
Method BS7976 pt1-3 2002	Std Wet /Matt	Please consult RSL

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

Abrasion Resistance	n/a
Method BS8204 /ASTM D4060	

Temperature Resistance	Tolerant of sustained temperatures of up to 60°C
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Chemical Resistance	Good
	Consult RSL for further specific details

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	< 1 g/l
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Calculation based on a full mixed unit

Life Expectancy	2 years plus
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Subjected to Industrial use  
RSL terms and conditions will apply

## Maintenance and Cleaning

RSL recommend that **Resupen WB Clear** surfaces should be cleaned with a regular industrial 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. Fats and 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 WB Clear** 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 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.

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