RSL RESIN SURFACES LIMITED

A SHERWIN-WILLIAMS Company

REF : PEWC 2016 06

Resupen WB Wall

DESCRIPTION

Resupen WB wall is a coloured UV stable polyurethane finish for application onto vertical surfaces such as concrete, plaster and wood.

Grades Available : -

Resupen WB Std - for a satin finish
Resupen WB Matt - for a matt finish

ADVANTAGES

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

RECOMMENDED USES

- Food and Beverage industry
- Pharmaceutical & healthcare areas
- Laboratories
- Clean rooms
- 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^2 Matt : 5 litres will cover 40 m^2	1-2 Hours	6 - 8 Hours	12-16 Hours	48 Hours	Up to 7 Days

CPD CERTIFIED Construction CPD Certification Service

nbsPlus

riba product selector

Campden BRI food and drink innovation

BCF BRITISH COATINGS FEDERATION

MADE IN THE UK

FeRFA Resin Flooring Association

Specification

Product : Resupen WB Wall

Finish : Semi-Gloss Finish or Matt Finish

Thickness : 40 Microns

Colour : See RSL Colour Charts

Products required for this system

Primer : Resuseal Clear depending on substrate

System : Resupen WB Wall Matt or STD

Surface Seal : N/A

Preparation

Surfaces to be coated must be clean, dry and free of loose contaminants. Air temperature should be 5-30°C and 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

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.

Application

Mixing: Pre-mix the coloured component to a uniform colour then mix the entire contents of the base 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.

Porous surfaces may require additional coats.

Category Guide

FeRFA Category : 1

Technical Information

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

Slip Resistance	Dry > n/a
Method BS7976 pt1-3 2002	Wet 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
Chemical Resistance	Good Consult RSL for further specific details
Compressive Strength	n/a
Flexural Strength	n/a
Tensile Strength	n/a
VOC	< 1 g/l
	Calculation based on a full mixed unit
Life Expectancy	2 years plus
	Subjected to Industrial use RSL terms and conditions will apply

Maintenance and Cleaning

RSL recommend that **Resupen WB Wall** surfaces should be cleaned with a regular industrial cleaning regime with a 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 Wall 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.

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