REF : RSGP 2015 07

Resuseal Wall Finishes

DESCRIPTION

Resuseal epoxy resin wall coatings are two-part, water-based, durable finishes designed for application in food preparation, laboratory and clean room environments and other areas of maximum hygiene, such as operating theatres, breweries and custody suites.
Resuseal wall coatings provide excellent resistance to light chemical attack and do not support fungal or bacterial growth.

Grades Available : - Resuseal Gloss
Resuseal Satin

ADVANTAGES

- Satin or gloss finish
- Non taint
- Superb adhesion
- Hard wearing
- Use as a floor sealer or primer
- Case-hardens and dust proofs
- Hygienic

RECOMMENDED USES

- Food production units
- Custody suites
- Laboratories
- Suitable for concrete,plaster,brick,blockwork,ceramic tiles
- Excellent as a coating for previously painted surfaces
- Automotive workshops

PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
45 microns to 70 microns (Per coat)	Gloss 58% Satin 56%	5 kg. & 10 kg.	1 X Base 1 X Hardener	12 Months (Base & Hardener)	Keep out of direct Sunlight. Store in a dry place, not below 15°C

DRYING TIMES & COVERAGE RATES at 20°C

Coverage rate	Pot life	Recoat time	Light traffic	Full traffic	Full chemical cure
5 kg. will cover 40 m^2 @ 45 microns thickness	Up to 1.5 hour's from mixing	Overnight 16 - 24 Hours	24 - 48 Hours	48 - 72 Hours	Up to 7 Days

Specification

Product : Resuseal Wall

Finish : Satin or Gloss Finish

Thickness : 45 - 70 microns approximately per coat

Colour : See RSL Coatings Colour Chart

Products required for this system

Prime : Resuseal Clear where required

System : Resuseal Gloss or Satin minimum 2 coats

Surface Seal : Not required

Preparation

Surfaces to be coated must be clean, sound, dry and free of any contaminants that could impair good adhesion. Air temperature should be 5-30°C with humidity 70% RH maximum. Ensure good drying conditions prevail throughout the application and cure of the product.

Hard smooth surfaces such as concrete and rendered wall's should be abraded or sanded to provide a mechanical key. Where open blockwork is to be coated this should be filled with **R.S. Blockfiller** or bag rubbed with a sand cement mix to create a continuous paintable surface.

Resuseal Wall can also be applied to existing coatings and to wood, and other cementitious surfaces which should be clean and sound with an appropriate mechanical key for adhesion.

Priming

Resuseal Wall Finishes can be applied directly to surfaces but porous substrates will benefit from being primed with **Resuseal WB Clear**. Where dark or patchy substrates are to be over-coated an additional coat may be required to achieve a uniform background.

Application

Resuseal Wall can be applied by roller or brush to most surfaces, at least two coats are recommended to provide a uniform and even finish.

Pre-stir the base to ensure that any separation is re-dispersed. The entire contents of the hardener must be added to the base and mixed thoroughly preferably with a low speed drill and mixing paddle for a minimum of two minutes.

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

Avoid air entrapment into the product.

Do not overload the surface as this may adversely affect the finish.

Resin Surfaces Ltd
Titan House, Lowick, Close
Newby Road Industrial Estate
Stockport
Cheshire
SK7 5ED
Tel : + 44 (0) 161 483 1232 Fax: + 44 (0) 161 483 2565
Email : info@resinsurfaces.co.uk Web : www.resinsurfaces.co.uk
Registered in England :1659941 Vat No : GB 373 485 624

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	n/a

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 Method BS8204 /ASTM D4060	n/a
Temperature Resistance	Tolerant of sustained temperatures of up to 60°C
Chemical Resistance	Excellent Chemical Resistance Consult RSL on specific materials
Compressive Strength	n/a
Flexural Strength	n/a
Tensile Strength	n/a
VOC	<2 g/l Calculation based on a full mixed unit
Life Expectancy	2-3 years plus Subjected to Industrial Traffic RSL terms and conditions will apply

Maintenance and Cleaning

RSL recommend that **Resuseal Wall** 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 & Grease Remover** & **R.S. Oil Remover**. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.
Please refer to RSL Data Sheet CLNG for Cleaning Advice

Health and Safety

Resuseal Wall coating 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.