



REF : GLLS 2015 07

Resuglaze LS

DESCRIPTION

Resuglaze LS is a formulated clear one-pack moisture curing, light-stabilised, polyurethane coating with good resistance to yellowing. Resuglaze LS can be used as a seal coat for RSL floor systems or superior concrete finishes where good ultra violet light resistance is required. Resuglaze LS offers good general chemical resistance and the rapid drying properties allow up to 3 coats per working day to be applied providing high film thickness and protection.

ADVANTAGES

- Extremely tough and hard wearing
- Flexible
- Can be applied onto concrete, wood and etc.
- Anti-slip finishes can be created by applying a scatter of aggregate
- Excellent resistance to most fuels and lubricants

RECOMMENDED USES

- Where good UV resistance is required
- Reception areas
- Public buildings
- Pharmaceutical areas
- Retail outlets

PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
32 microns	42 %	5 litres & 25 litres	1 X Base	12 months in sealed containers	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
5 litre will cover 50 sq m	n/a	2-3 hours or once surface has lost tackiness	24 Hours	3 Days	7 days



www.resinsurfaces.co.uk

Specification

Product : Resuglaze LS

Finish : Gloss

Thickness : 32 microns

Colour : Clear

Products required for this system

Prime : n/a

System : Resuglaze LS

Surface Seal : n/a

Preparation

New Floors: New concrete must be clean, sound, dry and fully cured and surface laitence removed, preferably by shot blasting, mechanical abrasion or chemical etching. Moisture content should be checked prior to application. Do not apply to substrates with moisture readings of 75 % RH or above.

Existing Floors: Remove all dirt, oil, grease or other surface contaminants, preferably by shot blasting, scarification or mechanical planning. Fats, oils or greases must be removed by mechanical abrasion and detergent washing.

All local repairs should be carried out using **Resupatch** or similar.

Resuglaze being a clear coat may not hide surface preparation marks, consideration should be given to aesthetics when selecting methods of preparation.

Decorative resin systems being sealed: Must be clean, sound, dry and have cured to be tack free.

Application

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.

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

Where spray application is planned reference should be made to the HSE Guidance for the spraying of polyurethane products.

For concrete, two coats are advisable, wood two to three coats, and decorative systems such as flake finishes two to four coats may be required depending on the finish required.

Category Guide

FeRFA Category : 2

Technical Information

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

Slip Resistance Dry > 40

Method BS7976 pt1-3 2002 Wet > 25

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 75°C

Chemical Resistance Good.
Consult RSL for further details

Compressive Strength n/a

Flexural Strength n/a

Tensile Strength n/a

VOC 604 g/l

Calculation based on a full unit

Life Expectancy 4 years plus

Subjected to Industrial Traffic
RSL terms and conditions will apply

Maintenance and Cleaning

RSL recommend that **Resuglaze LS** 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 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

Resuglaze LS 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.

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