



A **SHERWIN-WILLIAMS** Company



REF : SQSL 2016 11



DECORASL

SELF SMOOTHING QUARTZ SYSTEM

DESCRIPTION

Decora SL is a decorative self-smoothing epoxy resin floor screed incorporating multi-coloured aggregates, designed to produce a hard wearing, attractive, impervious sealed surface. The system is applied at 3mm minimum thickness and then usually sealed with single clear resin Matt finish.

ADVANTAGES

- Decorative
- Fast-installation
- Hard wearing and durable
- Self-smoothing ease of application
- Low odour - safe for application in hygiene conscious areas
- Slip - resistance properties can be incorporated
- Excellent abrasion and impact resistance
- Non-dusting

RECOMMENDED USES

- Buildings where a smooth seamless decorative finish is required
- Reception areas
- Pharmaceutical areas
- Prestige domestic areas
- Toilets and reception areas
- Healthcare industry
- Production areas

PRODUCT INFORMATION

System thickness (dry)	Solids content	Pack sizes	Pack make up	Shelf life	Storage
3 mm	100%	30 Kg.	30 kg. unit - 1 X Base 1 X Hardener 1 X Aggregate bag	12 Months (Base & Hardener) 12 Months (Aggregate)	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
30 kg. will cover 6 sq m @ 3mm	Including Aggregate (30 Mins)	For Seal Coats 8 Hours (Depending on Temperature)	24 Hours	72 Hours	Up to 7 Days



Specification

Product : Decora SL

Finish : Smooth Multi-Coloured Finish

Thickness : 3 mm

Colour : See RSL for available Colour Blends

Products required for this system

Prime : Resucoat HB

System : Decora SL

Surface Seal : Resupen WB Matt Clear

Preparation

To achieve the best performance from **Decora SL** the correct surface preparation is essential. Substrates must be clean, sound, dry and free of surface laitance with a minimum strength of 25N/mm². All surfaces should be checked for appropriate flatness and evenness and must be prepared by vacuum blasting or mechanical abrasion.

Priming

Decora SL can be applied onto a cured coat of **Resucoat HB** solvent free coloured epoxy resin primer, normally applied at 4 sq.m. per kg. This provides an even coloured surface as a base.

Very rough or porous surfaces may require an initial primer coat of **Resucoat HB** or **Resuseal WB** to ensure a sealed surface. **Decora SL** should then be applied within 24hours.

If substrates do have moisture levels above 75% RH prime the surface initially with **R.S.Dampshield** (number of coats dependent on moisture content) before **Resucoat HB** is applied.

Application

Mix the entire contents of the base with the hardener. Using a separate mixing bucket ensure all contents of both components are removed from the buckets supplied. Mix using a slow speed electric mixer for approximately one to two minutes or until the components have fully combined then add the aggregate bag slowly whilst stirring to avoid air entrapment. The mixed unit should be applied immediately.

Decora SL should be worked with a trowel or float to achieve an even smooth finish. This is best achieved by the application of a smooth even pressure with the compound poured over the correct coverage rate after fixing any stop ends to control the flow of the material.

Within 5 minutes roll the area with a spiked roller in two directions to achieve an even smooth surface and remove entrapped air. Do not re-roll the area later.

The surface should be protected from temperatures of less than 10°C and moisture during application and through the curing process.

Seal Coats

Decora SL is normally sealed with **Resupen WB Clear Matt** to provide an even flat finish. This is effective in minimizing any floor undulations. Whilst providing a more scratch and abrasion resistant surface.

Category Guide

FeRFA Category : 6

Technical Information

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

Slip Resistance	Dry > 50
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
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Chemical Resistance	Good Chemical Resistance Consult RSL for Further details
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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	97 g/l
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Calculation based on a full mixed unit

Life Expectancy	6 years plus
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Subjected to Industrial Traffic
RSL terms and conditions will apply
Coatings may need to be re applied

Maintenance and Cleaning

RSL recommend that **Decora SL** 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

Decora SL 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.