



A **SHERWIN-WILLIAMS** Company

REF : SCSE/FH 2016 11

R.S. Screed Seal FH

DESCRIPTION

R.S. Screed Seal FH is a two-pack fast curing epoxy resin system designed as a surface seal for Resuscreed 50, Resuscreed 43 and Decora MS. This thixotropic coating is worked into the surface of open textured resin screeds, and fills all interstices, small voids and pockets in the surface, improving the resistance to chemicals, water spillage and offers improved cleanability.

ADVANTAGES

- Fast curing uniform sealed high-build finish
- Hygienic and easily cleaned
- Good colour stability
- No shrinkage on curing
- Easy to apply

RECOMMENDED USES

- Food processing and beverage areas
- Chemical plant rooms
- Engineering workshops
- Automotive & aviation areas
- Factory units
- Warehouses
- Excellent for all demarcation and walkways

PRODUCT INFORMATION

System thickness (dry)	Solids content by weight	Pack sizes	Pack make up	Shelf life	Storage
180 microns to 500 microns (Per coat)	100 %	5 kg.	1 X Base 1 X Hardener	12 Months (Base & Hardener)	Keep out of direct Sunlight. Store in a dry place, not below 15°

DRYING TIMES & COVERAGE RATES at 20°C

Coverage rate	Pot life	Recoat time	Light traffic	Full traffic	Full chemical cure
5 kg. will cover 12 sq m @ 360 microns thickness	15 Minutes from mixing	4 hours or once surface has lost tackiness	8 - 12 Hours	24 -36 Hours	Up to 7 Days



Specification

Product : R.S. Screed Seal FH

Finish : Smooth Semi-Gloss Finish

Thickness : 180 to 500 microns

Colour : Clear

Products required for this system

Prime : Not required

System : R.S. Screed Seal FH applied to surface

Surface Seal : As specified

Preparation

The surface to be treated with **R.S. Screed Seal FH** must be clean, sound, dry and fully cured.

Rates of coverage will be affected by the particle size and the density of packing achieved during the application of the screed. Open textures will reduce rates of coverage significantly.

Application

The ambient temperatures of the areas should not be allowed to fall below 15°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 10°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.

Mixing: Pre-mix the base component to a uniform consistency then mix the entire contents of the base with the hardener. If a separate mixing bucket is being used mix thoroughly ensuring all contents of both components are removed from the buckets supplied. Mix using a slow speed electric mixer for approximately two minutes or until the two components have fully combined. **R.S. Screed Seal FH** is highly thixotropic, careful and thorough mixing are required.

R.S. Screed Seal FH should ideally be applied within 48 hrs of the application of the screed system. Apply to the clean surface with a polypropylene squeegee. Ensure that the **R.S. Screed Seal FH** is forced into the surface of the resin screed and pull down any excess to leave a thin coating. Finally roller off to achieve an even film finish. **R.S. Screed Seal FH** does not tend to flow therefore it is important to ensure that the finish is to an acceptable standard whilst wet.

After an overnight cure, a coat of **Resucoat HB** can be applied to provide a seamless and durable wearing surface.

Where long term light stability is required a further coat of **Resupen WB** or **Resutile** is recommended.

A matt finish can be achieved with the application of a final coat of **Resupen WB Matt Clear**.

Coverage rates will depend on porosity of the substrate.

Category Guide

FeRFA Category : 2

Technical Information

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

Slip Resistance	Dry > 60
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 45°C
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Chemical Resistance	Good Chemical Resistance Consult RSL on specific materials
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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	40 g/l
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Calculation based on a full mixed unit

Life Expectancy	n/a
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Subjected to Industrial Traffic
RSL terms and conditions will apply

Maintenance and Cleaning

RSL recommend that **R.S. Screed Seal FH** 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 the RSL Guide to **Cleaning of Resin Floors**

Health and Safety

R.S. Screed Seal FH 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 the 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.