



# New Guard Coatings Group

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# Resucoat GC

(Formerly known as R.S. Screed Seal)

Revised 09/2019 Issue 2—REF : SCSE 2016

## DESCRIPTION

Resucoat GC Seal is a two-pack epoxy resin system designed as a surface coating for Resuscreed 55, Resuscreed 45 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 offering improved cleanability.

## ADVANTAGES

- Uniform sealed high-build finish
- Hygienic and easily cleaned
- Good colour stability
- Easy to apply
- No shrinkage on curing
- Can be used for decorative systems

## RECOMMENDED USES

- Food processing and beverage areas
- Chemical plant rooms
- Engineering workshops
- Automotive & aviation areas
- Factory units
- Warehouses

## PRODUCT INFORMATION

System Thickness (Recommended)	180-500 microns DFT
Solids Content by Weight	100% solids by weight
Pack Sizes	5 kg
Pack Make Up	1 x Base 1 x Hardener
Shelf Life	36 months (Base & Hardener)
Storage	Keep out of direct sunlight. Store in a dry place, between 15°C- 30°C.

## APPLICATION INFORMATION at 20°C

Coverage Rate (Theoretical)	5 Kg. will cover 12m <sup>2</sup> at 360 microns DFT. *Coverage rate is calculated based on a sealed and smooth surface and will vary based on application due to this product being used on porous surfaces.
Pot Life	Approx. 25-30 Minutes from mixing, based on 5kg pack at 20°C. *The pot life may be shorter for larger pack sizes. <b>Note:</b> All mixed paint must be used within the pot life time limit. If the paint left in the container after mixing and not used, it may release hazardous fumes due to exothermic reaction.
Recoating Intervals	8-10 hours or once surface has lost tackiness
Light Traffic	8-12 hours
Full Traffic	24-36 hours
Full Chemical Cure	7 Days



## Specification

**Product :** Resucoat GC

**Finish :** Smooth / Gloss

**Recommended thickness range:** 180 to 500 microns per coat

**Colour :** Clear

## Products required for this system

**Primer :** As per specification

**System :** As per specification

**Surface Seal :** Resucoat GC

**Wearing Surface:** Resucoat HB, Resutop or Resupen WB  
(as per specification)

## Preparation

The surface to be treated with **Resucoat GC** 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 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.

**Resucoat GC** is highly thixotropic, careful and thorough mixing are required. For trowel and squeegee application de-nibbing of the surface by steel trowel is recommended prior to application.

**Resucoat GC** should be applied within 48 hrs of the application of the screed system. Apply to the clean surface with a polypropylene squeegee. Ensure that the **Resucoat GC** 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. **Resucoat GC** does not tend to flow therefore it is important to ensure that the finish is to an acceptable standard whilst wet.

When **Resucoat GC** is being used on coloured systems, after overnight cure apply a coat of **Resucoat HB** to provide a wearing finish.

When **Resucoat GC** is being used on decorative systems, after overnight cure apply a coat of **Resutop Clear** to provide a wearing finish.

**NOTE:** Applied coating should be protected from moisture during application and throughout the curing period. Exposure to moisture during this time can cause surface and colour variations.

## Category Guide

FeRFA Category : 2/3

## Technical Information

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

Temperature Resistance	Tolerant of temperatures up to 45°C
Chemical Resistance	Good Chemical Resistance Consult Sherwin-Williams on specific materials
VOC	20 g/l Calculated per full mixed unit

## Maintenance and Cleaning

**Resucoat GC** should be cleaned with a regular industrial cleaning regime, after specified full chemical cure time limit, 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, Degreaser W500 & R.S. Oil Remover**. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

## Health and Safety

**Resucoat GC** 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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