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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

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RESUFLOOR GC UVR

07/2023 Issue 4 – REF: SCSE

PRODUCT DESCRIPTION

Resufloor GC UVR is a two-pack epoxy grout for Resufloor Screed and Resufloor Q Screed. This thixotropic coating is worked into the surface of open textured resin screeds, and fills small voids and pockets in the surface, improving resistance to chemicals, water spillage and offering improved cleanability.

ADVANTAGES

- Uniform sealed high-build finish
- Hygienic and easily cleaned
- Good colour stability
- No shrinkage on curing
- Ease of application
- Can be used for decorative systems

RECOMMENDED USE

A wide range of industrial applications such as:

- Food processing and beverage areas
- Chemical plant rooms
- Engineering workshops
- Aviation and automotive
- Factory units
- Warehouses

PRODUCT DATA

Volume Solids:	~100%
VOC:	<20 g/l calculated per full mixed unit
Colours:	Clear
Finish:	Gloss
Pack Size:	5 kg
Pack Weights:	3.4kg base, 1.6kg hardener (5kg)
Mixing Ratio:	2.1 parts base to 1 part hardener by weight only
Mixed Density:	~1.1 g/cm ³
Shelf Life:	36 months (Base) & 12 months (Hardener)
Storage:	Keep out of direct sunlight. Store in a dry place, between 15°C – 30°C.

Typical properties at 20°C

Cure Times

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

Pot Life: 15 - 20 minutes from mixing

Note: All product must be used within the pot life limit, if the product is left in the container after mixing and not used, it may release hazardous fumes due to exothermic reaction.

Typical Consumption:

5 kg will cover 12 m² @ 360 µm WFT (Theoretical)

Coverage rate is calculated based on a sealed and smooth surface and may vary based on the substrate roughness and other conditions.

System Thickness: 180 - 500 µm
(Recommended)

Recommended Application Methods: squeegee

SURFACE PREPARATION

Surface preparation should be in accordance with the specified flooring system.

Refer to individual product data sheet for further information.



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RECOMMENDED SYSTEMS

Grout coat for Resufloor Screed and Resufloor Q Screed.

MIXING AND APPLICATION

Mixing:

Mix the entire contents of the **Resufloor GC UVR** Base with the **Resufloor GC UVR** Hardener. Mix using a slow speed electric mixer for approximately two to three minutes until the two components are fully combined.

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 the installation.

Application

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

See Sherwin-Williams Resufloor Industry and Resufloor Deco Quartz System Guides for recommended floor systems

TECHNICAL INFORMATION

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

Bond Strength: >3 N/mm² (Substrate failure)
(BS EN 13892-8:2002)

Abrasion Resistance: 60mg loss per 1000 cycles
(BS EN 13892-4:2002)

WARRANTY

Any person or company using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk, and Sherwin-Williams can accept no liability for the performance of the product, or for any loss or damage arising out of such use.

The information detailed in this datasheet is liable to modification from time to time in the light of experience and normal product development, and before using, customers are advised to check with Sherwin-Williams, quoting the reference number, to ensure that they possess the latest issue.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

HEALTH AND SAFETY

Consult Safety Datasheet for information on safe storage and handling of this product.

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