



New Guard Coatings Group

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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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**PROTECTIVE
&
MARINE
COATINGS**

Resufloor WB Wall Gloss
PRODUCT TECHNICAL DATA

PRODUCT DESCRIPTION

Resufloor Wall Gloss is a two-pack water-based epoxy wall coating with excellent adhesion to concrete, wood and other surfaces providing attractive, hard wearing dust-free finishes. Resufloor Wall Gloss provides a durable, hygienic surface that is resistant to light chemical attack.

ADVANTAGES

- Low odour
- Silica free
- Superb adhesion
- Hard wearing
- Ease of application
- Hygienic
- Solvent free

RECOMMENDED USE

- Food production areas
- Laboratories
- Custody suites
- Suitable for concrete, plaster, brick, blockwork, ceramic tiles
- Excellent for previously painted surfaces

PRODUCT DATA

Volume Solids:	~61% by weight ~47% by volume
VOC:	<2 g/l calculated per full mixed unit
Colours:	White. Contact SW on other colours
Finish:	Gloss
Flash Point:	N/A
Cleanser/Thinner:	Thinning not recommended
Pack Size:	5 & 10 kg
Pack Weights:	3.05 kg base/1.95 kg hardener (5kg) 6.1 kg base/3.9 kg hardener (10kg)
Mixing Ratio:	1.5 parts base to 1 part hardener by weight only
Mixed Density:	Approximately 1.3 g/cm ³
Shelf Life:	24 months (Base and Hardener) when stored in unopened containers
Storage:	Keep out of direct sunlight. Store in a dry place, between 15°C – 20°C
Recommended Application Methods	Brush or roller

Application at 20°C

Recoating Intervals:	12 – 24 hours or once surface has tackiness
Light Traffic:	24 – 48 hours
Full Traffic:	48 – 72 hours
Full Chemical Cure	7–10 days

Pot Life: Up to 60 minutes from mixing, based on 5 kg pack size

Note: Water based epoxy may stay liquid for longer than specified pot life but it is recommended to use all mixed product within the pot life time frame. Application after pot life may affect the cure properties such as gloss and adhesion.

Coverage Rate: 5 kg will cover 37 m² @ 100 µm Wet thickness (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: 100 – 150µm WFT
45 – 70µm DFT

(Recommended)

The suggested thickness range is calculated based on average volume solid as a general recommendation for the specified condition and for each application may vary.



Resufloor WB Wall Gloss PRODUCT TECHNICAL DATA

SURFACE PREPARATION

New Substrates: New surfaces must be clean, sound, dry, fully cured and surface laitance removed by mechanical grinding, a minimum.

Existing Substrates: Remove all dirt, oil, grease, old paint or any other surface contaminants by mechanical grinding. Fats, oils or greases must be removed by mechanical means and detergent washing and making sure all residue of detergent is washed and removed by rinsing with clean water.

Existing Substrates (previously coated): All previous coatings and loose floor paints must be removed by mechanical preparation as described in the above section and primed as specified. If the old resin coating cannot be removed then please consult with our technical team for advice on intercoat adhesion and suitability, as it may not be compatible with the existing wall coating.

PRIMING

Resufloor WB Clear is recommended and depending on the porosity and texture of the surface to be primed may require two coats. **Resufloor WB Clear** will not seal block work as it is a thin film primer.

Resufloor WB Clear on dry substrates with less than 70% ERH or **Resuprime MVT** on damp surfaces.
(Refer to **Resuprime MVT** data sheet for more information)

APPLICATION CONDITIONS

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.

NOTE: Applied coating should be protected from moisture during application and during the curing period. Exposure to moisture during this time can cause surface and colour variations.
Open and porous substrates should be primed to enhance an even finish with topcoats.

MIXING AND APPLICATION

Pre-mix the base component to a uniform consistency then add the entire contents of the hardener to the base and mix by using a slow speed hand held powered mixer and mixing paddle for approximately two to three minutes to achieve consistent mixture.

Note: Do not use a separate mixing bucket as it may affect the mixing ratio.

Do not add water to this product.

Apply the whole mixed paint by using roller and brush to achieve the maximum coverage within the specified pot life.

The mixed unit should be applied immediately with a consistent procedure, cross-rolling to ensure even application and to minimise roller marks.

Coverage rates will depend on the porosity of the substrate.

TECHNICAL INFORMATION

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

Category Guide:	FerFA Category 1
Temperature Resistance:	Tolerant of temperatures up to 60°C
Abrasion Resistance: (ASTM D4060-14)	44mg loss per 1000 cycles
Bond Strength: (BS EN 13892-8:2002)	>3 N/mm ² (Substrate Failure)

WARRANTY	DISCLAIMER
<p><i>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.</i></p> <p><i>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.</i></p>	<p><i>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.</i></p>

HEALTH AND SAFETY

Consult Product Health and Safety Datasheet for information on safe storage, handling and application of this product.

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