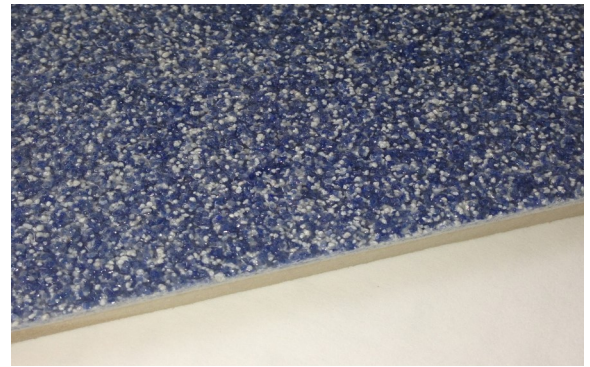




A **SHERWIN-WILLIAMS**. Company



REF : SOBC 2016 06



**DESCRIPTION**

Decora BC is a multi component decorative system which utilises decorative coloured quartz aggregates which are bound into a resin binder. The system gives exceptional results in both wet and dry conditions.

**ADVANTAGES**

- Decorative
- Hard wearing and durable
- Ease of application
- Low odour - safe for application in hygiene conscious areas
- Available as matt or gloss
- Good slip - resistance properties
- Excellent abrasion and impact resistance
- Good chemical resistance
- Non-dusting

**RECOMMENDED USES**

- Kitchen and Potential wet areas
- Pharmaceutical areas
- Animal compounds and veterinary areas
- Toilets and reception areas
- Healthcare industry
- Production areas
- Industrial workshops

**PRODUCT INFORMATION**

System thickness (dry)	Solids content	Pack sizes	Pack make up	Shelf life	Storage
3 - 4mm	100%	Various	Various	See individual data sheets	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
See over	N/A	For Seal Coats 8 Hours (Depending on Temperature)	24 Hours	72 Hours	Up to 7 Days



## Specification

Product : Decora BC

Finish : Textured Multi-Coloured Finish

Thickness : 3-4 mm

Colour : Available in a Range Colour Blends

### Products required for this system

Prime : Resuprime or R.S Dampshield

System : Decora BC at required thickness

Surface Seal : Resutop Clear and Resupen WB Matt Clear

## Preparation

To achieve the best performance from **Decora BC** the correct surface preparation is essential. Substrates must be clean, sound, dry and free of surface laitance with a minimum strength of 25N/mm<sup>2</sup>. All surfaces must be prepared by vacuum blasting or mechanical abrasion

## Priming

Porous or rough surfaces will require priming using one of the following primers. **Resuprime** or **R.S. MPR**.

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

## Application

The ambient temperatures of the areas should not be allowed to fall below 10°C throughout the application and the curing period. 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.

## Using Coatings

### *Heavily profiled or pitted surfaces*

Prime : **Resuprime** or **R.S. Dampshield** @ 4 sq. m per kg

Scatter : Silica 52 kiln dried sand @ of 2.8kgs per sq. m

Topping : **Resucoat HB** @ 1kgs per sq. m

Scatter : Coloured Quartz aggregate size 7 @ 3 kgs per sq. m

Seal : **R.esutop Clear** @ 1kg per sq. m

Seal : **Resupen WB Matt Clear** @ 7 sq. m per liter

### *Uniform and Dense substrates*

Topping : **Resucoat HB** @ 1kgs per sq. m

Scatter : Coloured Quartz aggregate size 7 @ 3 kgs per sq. m

Seal : **Resutop Clear** @ 1kg per sq. m

Seal : **Resupen WB Matt Clear** @ 7 sq. m per liter

## Using Resugrip or R.S. Multigrip

Prime : Porous substrates will require priming using **Resuprime** or **R.S. Dampshield** @ 4 sq. m per kg.

Note : Non porous substrates require thorough cleaning and preparation but may not require priming.

Topping : **R.S. Multigrip** (interior) @1.5 mm

Scatter : Coloured Quartz aggregate size 7 @ 3 kgs per sq. m

Seal : **Resutop Clear** @ 1kg per sq. m

Seal : **Resupen WB Matt Clear** @ 7 sq. m per liter

Note : Smoother, less profiled surfaces can be created by incorporating a further coat of **Resutop Clear** at a rate of 2 sq m per kg. The Multigrip system can be power floated.

## Coving

Coving can be formed using **Decora MS** in advance of the floor laying process, and or at the same time. Where laid in advance a joinline may be visible between the cove and floor.

At 100mm nominal height, one 28 kg. unit of **Decora MS** will typically form up to 12 linear meters of coving which must be applied onto a **R.S. Tack Primer** in the same way as for a floor finish.

Coving can be sealed using the same seal coats as for the floor.

## Category Guide

FeRFA Category : 6

## Technical Information

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

Slip Resistance	Dry > 64
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. Consult RSL for Further details
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Compressive Strength	47.5N/mm <sup>2</sup>
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Flexural Strength	20.5N/mm <sup>2</sup>
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Tensile Strength	10.9N/mm <sup>2</sup>
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VOC	40 g/l Calculation based on a full mixed unit
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Life Expectancy	6 years plus Subjected to Industrial Traffic RSL terms and conditions will apply Coatings may need to be re applied
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13

<b>BSEN 13813 SR B 3.5 - AR 0.5 - IR&gt;4</b>	
Resin coating/screed for use inside buildings as per RSL data sheet	
Wear resistance:	AR 0.5
Bond strength:	B 3.5
Impact resistance:	IR > 4

## Maintenance and Cleaning

RSL recommend that **Decora BC** 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 BC** 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.

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