



BG Coatings **Datasheet**

CEILING PAINT

PRODUCT CODE: RESISTO 540–CEILING PAINT 1Go

TECHNICAL DATA SHEET NO: R540-1

DATE: OCTOBER 2016

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product description	A high performance water based Acrylic emulsion paint specially designed for ceilings.														
Intended uses	<ul style="list-style-type: none"> • Used for painting of ceilings in all areas of the house. • Suitable for new or to repaint work on all types of substrates. 														
Features & Benefits	<ul style="list-style-type: none"> • It dries to an ultra-flat, pure white and smooth finish, which hides minor imperfections. • Exhibits excellent opacity and is virtually odour free as it contains <20g / lt. VOC. • Its ease of application and reduced spatter resistance provides a professional finish with less mess. 														
Product Information	Appearance	Matt.													
	Colour	White.													
	Generic type	Acrylic emulsion.													
	Solids	Approx. 65% by mass; 41% by volume.													
	S G	1,630(typical)													
	Recommended DFT	Min: 25 µm. Max: 35 µm.													
	Viscosity at 23 °C	Approx. 95 KU													
	Flash point	Non-flammable.													
	Calculated Max VOC	4 g/ℓ													
	Theoretical spreading rate	13.6m ² /l per coat at 30 µm DFT. This serves as a guide only.													
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, roller and airless spray.													
	Thinning	Not recommended. Only thin with 0-5% water for spray application if required.													
	Cleaning	Water.													
	Substrate	Suitably prepared plaster, steel, and wood.													
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">Or min 2 °C above dew point.</td> </tr> <tr> <td>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85 %</td> </tr> </tbody> </table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	Or min 2 °C above dew point.			Max: 40 °C	Max: 40 °C	Max: 85 %
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Or min 2 °C above dew point.															
Max: 40 °C	Max: 40 °C	Max: 85 %													
	Drying time	Touch Dry To re-coat													
		Approx.45 min. at 23 °C Min. 2 h at 23 °C													

Longer drying times will be experienced at high relative humidity.

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Surface preparation	<p>All surfaces must be clean, dry and firm before application. Remove all loose dirt, dust, grease, loose of flaking paint and loose surface plaster and sand to smooth edges. Remove efflorescence by wire brushing. Remove mildew by washing affected areas with a solution of 30% household bleach and 70% water. Then follow with thorough rinsing. Fill all defects with appropriate filler. Spot prime nail heads with Resisto 320 Multi Surface primer.</p> <ol style="list-style-type: none">1. NEW WORK: Gypsum plaster (e.g. Rhinolite, Gretestone), Gypsum board (e.g. Rhinoboard), fibre-cement, cement plaster and concrete.<ul style="list-style-type: none">• Seal with one coat Resisto 320Multi Surface primer.2. PREVIOUSLY PAINTED SURFACES IN GOOD CONDITION:<ul style="list-style-type: none">• Remove oil and grease with sugar soap solution.• Rinse thoroughly with clean water and allow to dry.• Sand glossy areas to a uniform matt surface and apply Resisto 320 Multi Surface primer.3. PREVIOUSLY PAINTED SURFACES IN POOR CONDITION:<ul style="list-style-type: none">• Strip completely and treat as for new work.
Application	<ul style="list-style-type: none">• Suitable for brush, roller and spray application.• Before use, stir RESISTO 540 thoroughly with a flat paddle until completely homogeneous.• Do not thin product.• Only thin with 0-5% water for spray application if required.
Clean up	<ul style="list-style-type: none">• Clean equipment with water immediately after use.
Cautions	<ul style="list-style-type: none">• Ensure that surface preparation recommendations are adhered to.• Observe over coating times.• Avoid painting during inclement weather or if temperature is below 10 °C.

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Safety precautions	<ul style="list-style-type: none">• Always keep paint out of reach of children.• Ensure good ventilation during application and drying.• If accidental contact with the skin should occur, wash the area immediately with soap and water or a recognised skin cleaner.• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical advice.• Harmful if swallowed. Do not induce vomiting. Seek medical attention.• Refer to Material Safety Data Sheet for complete information.
PROTECT YOUR ENVIRONMENT	<ul style="list-style-type: none">• Do not pour left over paint down the drain.• Unwanted paint should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collections.• Empty paint containers should be left open in a well-ventilated area to dry out. When dry recycle containers via recycling programmes.
Storage and packing	Store away from direct sun, heat and severe cold. Packaging: 4L, 10L and 15L.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

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