

BG Coatings **Datasheet**



UNIVERSAL PRIMER

PRODUCT CODE: RESISTO 320 - PRO RANGE

TECHNICAL DATA SHEET NO: R320-1

DATE: SEPTEMBER 2016

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product description	A water-based multi -surface primer for use on a variety of specified surfaces.													
Intended uses	<ul style="list-style-type: none"> • For use over appropriately prepared specified surfaces to provide good adhesion to subsequent paint systems. 													
Features & Benefits	<ul style="list-style-type: none"> • It is suitable for interior and exterior use on a variety of surfaces. • Multipurpose. • One product that primes, seals and undercoats. • Excellent adhesion. • Water based. • Sealer, stain blocker and primer. • Can be used under acrylic or oil based topcoats. 													
Product Information	Appearance	Semi-gloss.												
	Colour	White.												
	Generic type	Acrylic emulsion.												
	Solids	Approx. 48% by mass; 35% by volume.												
	S G	1,28 (typical)												
	Recommended DFT	Min: 25µm. Min: 35µm.												
	Viscosity at 23 °C	Approx. 100 KU												
	Flash point	Non-flammable.												
	Calculated Max VOC	11 g/ℓ												
	Theoretical spreading rate	11.7m ² /l per coat at 30µm 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.												
	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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Max: 40 °C	Max: 40 °C	Max: 85 %												
	Drying time	Touch Dry Approx.45 min. at 23 °C Over coating : With water-based topcoat Min. 2 h at 23 °C With solvent based topcoat 24 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. Fill all defects with appropriate filler.</p> <ol style="list-style-type: none">1. GALVANIZED IRON:<ol style="list-style-type: none">1.1 New galvanized iron: Clean with galvanized iron cleaner, until water break surface. Rinse and allow to dry. Sand lightly to provide a key for subsequent coats of paint. Ensure that surface is cleaned after sanding, prior to painting.1.2 Weathered galvanized iron: remove rust by sanding or wire brushing back to bright metal surface. Ensure that surface is cleaned after sanding, prior to painting.2. PLASTER / FIBRE CEMENT / CEMENT / BRICKS:<ul style="list-style-type: none">• Remove oil, grease and dirt with a suitable degreaser.• Remove efflorescence and lime by wire brushing.• Remove mould with bleach and rinse well.• Remove distemper.• Rinse with clean water and allow to dry.3. PLYWOOD / CHIPBOARD:<ul style="list-style-type: none">• Round off sharp edges and fill knots with suitable filler.• Seal knots with suitable sealer.4. SURFACES PREVIOUSLY PAINTED WITH ENAMELS & OTHER GLOSSY SURFACES:<ul style="list-style-type: none">• Remove mould with bleach and rinse well.• Remove oil and grease with sugar soap solution, particularly around stoves and other food preparation areas.• Fill all defects with appropriate filler.• Ensure clean surface prior to painting.5. MILD STEEL / ALUMINIUM / PVC:<ul style="list-style-type: none">• Remove rust by sanding or wire brushing back to bright metal surface.• Remove oil, grease and dirt with suitable degreaser. Clean until water break surface is obtained.• Rinse thoroughly, repeat if necessary. Allow to dry.
Application	<ul style="list-style-type: none">• Suitable for brush, roller and spray application.• Before use, stir RESISTO 320 MULTI-SURFACE PRIMER thoroughly with a flat paddle until completely homogeneous.• Thin with 0-5% water if required.
Recommended top coats	<ul style="list-style-type: none">• RESISTO 560 – Interior / Exterior product range.
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: 4Lt; 10Lt and 15Lt.

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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