

BG Coatings **Datasheet**



BG - WATER BASED ROOF MEMBRANE

PRODUCT CODE: AP 1590 - SERIES

TECHNICAL DATA SHEET NO: 1590 - 1

DATE: JUNE 2022

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION	A Premium quality Pure Acrylic Roof Paint for exterior use on fibre cement, concrete, as well as suitably primed metal roofs.	
INTENDED USES	<ul style="list-style-type: none">• A durable, weather resistant coating for use on granular tiles, cement tiles, fibre-cement sheets, Galvanizing & Zinalume®	
FEATURES & BENEFITS	<ul style="list-style-type: none">• UV-resistant for long lasting protection.• Good dirt retention.• Can be used on prepared cladding, galvanised garage doors, galvanised gutters and down pipes.• Easy application by brush, roller or airless spray.• Low VOC.• Easy to clean equipment with water after use.	
PRODUCT INFORMATION	Appearance	Gloss.
	Colour	White and various vibrant colours. (Refer to BG Coatings - Roof colour chart).
	Generic type	Acrylic emulsion.
	Solids	Approx 52% by mass; 44% by volume.
	S G	≈ 1.230 - White and pastel colours. ≈ 1.140 - Medium and dark colours.
	Recommended DFT	55 - 65 microns per coat.
	Viscosity at 23 °C	Approx. 95 KU
	Flash point	Non flammable.
	Calculated Max VOC	20 g/ℓ
	Theoretical spreading rate	7.3 m ² /l per coat at 60 micron 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 granular tiles, cement tiles, fibre-cement sheets, Galv & Zinalume®

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- 2.3 **Previously painted in poor condition:** Strip completely. Restore powdery and friable surfaces to a sound condition by applying **BG ROOF – W/B SEALER**. Apply 2 coats of **BG ROOF MEMBRANE (1590 Range)**
3. **GALVANIZING & ZINCALUME®:**
Wash thoroughly with appropriate degreaser until a water break-free surface is attained. Rinse well with water and allow to dry.
Prime with a coat of **BG ROOF – METAL PRIMER**.
4. **COLORBOND®:**
 - 4.1 **New:** Rub down surface lightly with 3M scouring pad (green). Wash with appropriate degreaser until a water break-free surface is attained. Rinse well with water and allow to dry. Prime with a coat of **BG ROOF – METAL PRIMER**.
 - 4.2 **Weathered:** Remove fungal growth, lichens, and loose and flaking paint with a high pressure water jet wash using a minimum of 3000 psi. Remove heavy, loose and flaking rust by wire brushing, chipping or sandpapering to expose a bright metal. Wash with appropriate degreaser until a water break-free surface is attained. Rinse well with water and allow to dry. Prime with a coat of **BG ROOF – METAL PRIMER**.
5. **SPECIAL CAUTION TILES:**
N.B. The painting of clay, slurry coated tiles, slate, bituminous tiles (or bituminous surfaces) and wooden shingles is not recommended.

APPLICATION

Stir BG Roof Membrane well with a flat paddle before use, and occasionally during use.

- BG Roof Membrane ready to paint, no need to dilute.
- Apply two coats by brush, roller or airless spray.
- If the first coat is left overnight, the surface must be rinsed with clean water and left to dry, before applying the second coat to avoid any contamination.

CLEAN UP

- Clean equipment with water immediately after use.

CAUTIONS

- Ensure that surface preparation recommendations are adhered to.
- Observe over coating times.
- Avoid painting during inclement weather or if temperature is below 10 °C.

SAFETY PRECAUTIONS

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with the skin should occur, wash area immediately with soap and water or a recognised 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.
- Ensure good ventilation during application and drying.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheet for complete information.

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PROTECT YOUR ENVIRONMENT

- 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: 15 litre.

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.

MANUFACTURED BY BG COATINGS

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Should you have any queries or require any further information please contact the BG COATING advisory service:
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