

BG Coatings **Datasheet**



BG ROOF – GLAZE TILE PRIMER / SEALER

PRODUCT CODE: AP 1515 - SERIES

TECHNICAL DATA SHEET NO: 1515 - 1

DATE: OCTOBER 2023

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION	A Premium quality Pure Acrylic primer/ sealer.
INTENDED USES	BG Roof Sealer is a water based, primer/ sealer developed with superior adhesion enhancing properties for glazed and vitrified roof tiles. It is recommended for use on vertical and horizontal surfaces, achieving excellent adhesion without the need for etching solutions.
FEATURES & BENEFITS	<ul style="list-style-type: none">• Create a high performance foundation for BG Roof Membrane 1590• Excellent adhesion.• Excellent flexibility.• Low VOC and low odour.• Easy application by spray, roller or brush.

PRODUCT INFORMATION	Appearance	Milky white solution.	
	Colour	Clear film.	
	Generic type	Acrylic copolymer.	
	Solids	30% by volume.	
	S G	~ 1.060 kg/lt.	
	Viscosity at 23 °C	60 - 65 KU	
	Flash point	Non flammable.	
	Typical Film Thickness	25 – 30 µm dry per coat.	
Spreading Rate:			
	Dry film thickness	Wet film thickness	Theoretical spreading Rate
	25µm	83µm	12.0m ² / lt.
	30µm	100µm	10.0m ² / lt.
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-bottomed paddle until product is uniform. Remix thoroughly during application.
	Method	Airless spray recommended, brush or roller suitable for small areas.
	Thinning	Not recommended.
	Application	Apply 1 even and consistent coat observing recommended spread rates.
	Substrate	Suitably prepared surfaces.
	Cleaning	Clean up with clean fresh water.

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Application Environment

Surface Temperature	Ambient Temperature	Relative Humidity
Min: 10 °C*	Min: 10 °C	No lower limit
*Or min 3 °C above dew point.		
Max: 40 °C	Max: 40 °C	Max: 85 %

Drying time at 25 °C

Touch Dry	20 - 30 minutes at 25°C
To re-coat	Minimum - 2 hours 25°C Maximum - Indefinite.
Full cure	7 days.

Equipment

Airless Spray:

Tip range 15-21 Thou.

Min. tip pressure 150 bar (2200 psi)

Other:

Short nap roller or Long bristle brush.

* Longer drying times will be experienced at low temperature and high relative humidity.

Cleaning/work stoppage:

Thoroughly flush and clean all equipment with clean fresh water.
- All unused material should be stored in tightly closed containers.

SURFACE PREPERATION

1. Remove any fungal growth or algae with:
 - Commercial Moss & Mould Remover.
 - Or alternatively use household bleach (3,5% solution of sodium hypochlorite) thinned 2 parts bleach to 1 part water by volume. Leave on surface for approximately 1 hour and then scrub with a hard bristle brush to remove all dead growth.

For best results treat when the sun's rays are low; apply in the shade or very early in the day whilst the sun is rising. For best results apply before 12 pm. The conditions will allow for the treatment to remain moist and most efficient during the operation.
2. Then high pressure water blast at a minimum of 3200 PSI to remove dirt, excess grime, lichen/moss and all other surface contaminants.
3. Allow to dry.
4. Apply 2 coats of **BG ROOF MEMBRANE (1590 Range)**

APPLICATION

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

- BG Glaze Tile Primer/ Sealer is ready to paint, no need to dilute.
- Apply one coat by airless spray, roller or brush.
- If the applied coating is left overnight, the surface must be rinsed with clean water and left to dry, before applying top 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.

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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.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.
- *Refer to Material Safety Data Sheet for complete information.*

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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