



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 Ac as well as suitably primed	rylic Roof Paint for exterior use on fibre cement, concrete, metal roofs.	
INTENDED USES	 A durable, weather resistant coating for use on granular tiles, cement tiles, fibre- cement sheets, Galvanizing & Zincalume[®] 		
FEATURES & BENEFITS	 UV-resistant for long lasting protection. Good dirt retention. Can be used on prepared cladding, galvanised garage doors, galvanised gutters an down pipes. Easy application by brush, roller or airless spray. Low VOC. Easy to clean equipment with water after use. 		
PRODUCT INFORMATION	Appearance Colour Generic type Solids S G Recommended DFT Viscosity at 23 °C Flash point Calculated Max VOC Theoretical spreading rate Practical spreading rate	 Gloss. White and various vibrant colours. (Refer to BG Coatings - Roof colour chart). Acrylic emulsion. Approx 52% by mass; 44% by volume. ≈ 1.230 - White and pastel colours. ≈ 1.140 - Medium and dark colours. 55 - 65 microns per coat. Approx. 95 KU Non flammable. 20 g/ℓ 7.3 m²/l per coat at 60 micron DFT. This serves as a guide only. 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 Method Thinning Cleaning Substrate	Stir thoroughly with a flat paddle until homogeneous. Brush, roller and airless spray. Not recommended. Water. Suitably prepared granular tiles, cement tiles, fibre- cement sheets, Galv & Zincalume®	

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	۸nn	lication Environment	Surface	Ambient	Relative		
	Арр		Temperature	Temperature	Humidity		
			Min: 10 °C	Min: 10 °C	Min: 10%		
			Or min 2 °C above of		10/10		
			Max: 40 °C	Max: 40 °C	Max: 85 %		
	_						
		Airless spray application ly at minimum tip press		8 Tin range 17-21	Thou		
				1 hour min at 23			
	Dryi	ng time	Touch Dry:				
	Long	zor druing timos will be	Over Coating:	2 hours at 23°C	a ralativa humiditu		
	LOU	ger drying times will be	experienced at low ter	mperature and high	relative number.		
SURFACE PREPERATION	4	Remove any fungal gro sodium hypochlorite) surface for approxima remove all dead growt CEMENT AND GRANU	thinned 2 parts bleach tely 1 hour and then s th. Rinse thoroughly w	n to 1 part water by crub with a hard br	volume. Leave on ristle brush to		
	1.			c friable and now	dony material with		
	1.1	Unpainted: Remove d	· · · •	•	•		
		high-pressure water jet wash using a minimum of 3000 psi. or alternatively scrub					
		down with a hard bristle wire brush and water. Allow surface to dry. Seal entire surface with BG ROOF – W/B SEALER. Apply 2 coats of BG ROOF MEMBRANE					
		(1590 Range)	W/D JEALEN. Appi				
	1.2	Previously painted in	good condition: Carry	out adhesion tests	on previous		
	1.2	coating. Cross cut test area with an appropria	to ISO 2409 standard	. Remove faulty pai			
		Clean with high-pressu	-		000 psi, to remove		
		degreaser solution, ch	•	-			
		Seal bare areas BG RO					
	1.3	Previously painted in		completely. Restor	e powdery and		
		friable surfaces to a sc	• •	· ·	• •		
		Apply 2 coats of BG RC	OOF MEMBRANE (159	0 Range)			
	2.						
	2.1	Unpainted: Remove d	ust, dirt, loose granule	es, friable and powe	dery material with		
		high-pressure water je	et wash using a minim	um of 3000 psi. or a	alternatively scrub		
		down with a hard brist	tle wire brush and wat	ter. Allow surface to	o dry. Seal entire		
		surface with BG ROOF	- W/B SEALER. Apply	y 2 coats of BG RO	OF MEMBRANE		
		(1590 Range)					
	2.2	Previously painted i coating. Cross cut test area with an appropria	to ISO 2409 standard.	. Remove faulty pai	•		
		Clean with high-pressu degreaser solution, ch	ure water jet wash usi	ng a minimum of 30	000 psi. to remove		

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	2.3 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) 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. 4.1	COLORBOND [®] : 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
	4.2 5.	water and allow to dry. Prime with a coat of BG ROOF – METAL PRIMER . 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 . SPECIAL CAUTION TILES:
	0.	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

U4/34 Truganina Rd 6090 Malaga Australia Should you have any queries or require any further information please contact the BG COATING advisory service: **Phone**: 1300-894-994 **<u>E-mail</u>: info@bgcoatings.com.au**

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