

ACRYLOC® METAL & GALV PRIMER

(CRC & Reflectacoat® Systems)

Data Sheet: TECH13005

PRODUCT TYPE

Prime Coats

PACKAGING

15L Heavy Duty Plastic Pail

NOMINAL WEIGHT

22kg

PRODUCT & STOCK CODES

Metal & Galv Primer 13005

DESCRIPTION

Acryloc *Metal & Galv Primer* is a water based, polymer modified coating containing inorganic rust passivators, inhibitors, adhesion promoters and inert fillers.

MAIN USES

Acryloc *Metal & Galv Primer* is designed for priming Zincalume® and galvanised iron surfaces prior to application of subsequent topcoats.

FEATURES & BENEFITS

- Excellent water resistance
- Excellent vapour permeability
- Excellent flexibility and crack resistance
- Excellent durability
- Aids workability & adhesion of subsequent coatings
- Strong adhesion
- Low maintenance
- Easy to apply
- Water based
- 10 yr Coating System warranty when correctly applied
- Easy & safe clean up

COATING SYSTEMS

Acryloc Metal & Galv Primer forms part of the;



Commercial Roof Coating System

and the;



Reflectacoat System

SUITABLE SUBSTRATES – when properly prepared

- Zincalume®
- Galvanised Iron

Where applying to a roof, it is recommended that Rainwater tanks be disconnected from the guttering system before commencing work as material could be split on the roof or washed off if rain falls before the coating is fully cured. The guttering should remain disconnected until after application of all subsequent coatings and until all residues are washed from the guttering.

It is safe to collect drinking water once the finish coating has cured.

SUBSTRATE PREPARATION

- Areas not to be coated should be masked and protected
- All surfaces to be coated must be clean, sound, free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material
- Surface rust should be removed and passivated by using Acryloc Rust Converter
- Care should be taken to keep *Acryloc Metal & Galv Primer* off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry

Refer to Tech Data Sheet TECH15025 for Rust Converter

APPLICATION

- Acryloc *Metal & Galv Primer* does not require thinning or dilution

Method

- Mix thoroughly with a broad, flat stirrer, using an upward lifting action
- Acryloc *Metal & Galv Primer* can be applied using a roller, brush, HVLP spray equipment or airless spray equipment
- If using spray equipment, an 18 thou tip and white gun filter is recommended
- Acryloc *Metal & Galv Primer* must be over-coated with appropriate products from the coating system being used

Important Notes

- Do not apply Acryloc *Metal & Galv Primer* on exposed surfaces when rain is anticipated within 6 hours of completion of the days work, longer in damp, cold +/- or humid conditions
- Avoid application in full sun, on hot surfaces or in hot windy conditions
- Application should be carried out on a day with temperatures above 10°C and below 32°C
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost and severe weather conditions until fully dried

Clean-Up

Clean up with water

OTHER CONSIDERATIONS**Shelf-Life – Unopened Containers**

Maximum two (2) years from date of manufacture when stored correctly.

Transport & Storage

Pails should not be stacked more than three (3) high during transportation and must be transported upright

Store in a cool place, upright, out of direct sunlight and above 4°C

For further information refer to **MSDS** for Acryloc *Metal & Galv Primer*

TECHNICAL DATA

APPEARANCE	Viscous grey coloured liquid		
ODOUR	Low		
RESIN TYPE	Modified acrylic emulsion		
APPLICATION METHODS	Roller, brush, spray		
SPECIFIC GRAVITY (NOMINAL)	1.3 -1.5		
VOLUME SOLIDS (APPROX)	40 -44%		
WEIGHT SOLIDS (APPROX)	56 -60%		
THEORETICAL COVERAGE	6.5-10m ² /L per single coat		
WET FILM THICKNESS (RECOMM)	100-150 microns single coat		
DRY FILM THICKNESS (MIN)	42-65 microns single coat		
DRY TIME (25°C & 50% RH) (APPROX)	Tack Free	Overcoat	Fully Dried
	N/A	When dry	N/A
NO. OF COATS	Typically 1 coat		
GLOSS LEVEL	Matt		
SOLVENT FOR CLEANING	Water		
UV RESISTANCE	N/A – must be overcoated		
CHEMICAL RESISTANCE	N/A		
ABRASION RESISTANCE	N/A		
DURABILITY	N/A		
FLAMMABILITY	Non-flammable		

WARRANTY

Acryloc provides a material replacement warranty against failure caused by any defect in manufacture on the full CRC and Reflectacoat® systems for a period of ten years. Details are available in the relevant system documentation; call the Acryloc Tech – Info line on **1300 661 745** or visit **www.acryloc.com.au** for more information.

Application dates, product batch numbers and quantities must be recorded and supplied as a minimum to effect potential product failure investigation.

Acryloc provides no warranty, expressed or implied, against damage due to movement of the substrate or structure.

Acryloc cannot accept responsibility for variations in colour, strength, appearance or workability resulting from on-site mixing procedures and conditions.

SAFETY & HANDLING

Refer to **MSDS** for **Acryloc Metal & Galv Primer** before use. For further information on Material Safety Data Sheets, call the Acryloc Tech – Info line on **1300 661 745** or visit **www.acryloc.com.au**

When working with **Acryloc Metal & Galv Primer** observe the usual precautions for handling acrylic water based products including:

- Avoid inhalation of the vapour, prolonged skin contact and particularly eye contact
- Wear protective clothing to minimize skin contact and wear goggles where splatter is likely
- Where spills occur, soak up liquid spillage with sand/sawdust and dispose of in a sensible manner. Do not permit run-off to sewer, storm water or open bodies of water

Full pails are HEAVY. Wear protective footwear and seek assistance if necessary.

FIRST AID MEASURES

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Ingestion

If swallowed, wash out mouth with water. Do **NOT** induce vomiting. Drink at least two (2) glasses of water. Seek medical attention.

Eye

Wash with copious amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. Seek medical attention.

Advice to Doctor

Treat symptomatically

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