

ACRYLOC® CRC TERRACOTE GLOSS BASE

(CRC System)

Data Sheet: TECH26152

PRODUCT TYPE

Paints & Coatings

PACKAGING

Gloss Base 20L Heavy Duty Plastic Pail
Tint Pac - 2L Plastic Jerry Can

PRODUCT & STOCK CODES

CRC Terracote Gloss Base 26152
Tint Pacs 33010-33225

NOMINAL WEIGHT

Gloss Base - 22kg
Base plus Tint Pac: 23-25.5kg

DESCRIPTION

Forming part of the Commercial Roof Coating system, Acryloc *Terracote* is a two component system consisting of a clear *Gloss Base* and a range of colour Tint Pacs.

Terracote Gloss Base is formulated from premium grade pure acrylic binder and proprietary additives and is silane enriched to give a self-cleaning action which maintains the gloss level and aids longevity.

This technical information is for prepared and mixed *Terracote* – 1L *Tint Pac* added to 19L *Terracote Gloss Base*.

MAIN USES

Acryloc *Terracote* is used as a finishing gloss colour coat on freshly applied Acryloc CRC or as a gloss colour coat system on concrete roof tiles or unglazed terracotta roof tiles.

Refer to Tech Data Sheet TECH26150 for Acryloc CRC

FEATURES & BENEFITS

- Excellent water resistance
- Excellent vapour permeability
- Excellent flexibility and crack resistance
- Excellent durability
- Strong adhesion
- Easy to apply
- Water based
- Easy & safe clean up
- Low maintenance
- 10 yr replacement warranty when correctly applied

COMMERCIAL ROOF COATING SYSTEM



↳ Surface Preparation (for gloss colour coat)

Acryloc Heavy Duty Cleaner Data Sheet TECH15010

Acryloc Rust Converter (optional) TECH15025

Acryloc Mould Rid (optional) TECH15015

↳ **Pointing** (if required, apply before coating or after Finish is cured)

Ridgepoint TECH20005

↳ **Prime** (essential)

Acryloc Primerbond TECH13035

↳ **Finish**

Acryloc Terracote

(or) for Acryloc CRC, see TECH26150 preparation/application
apply one coat of CRC and finish with **Acryloc Terracote**

SUITABLE SUBSTRATES – when properly prepared

- Pre-cleaned concrete tiles
- Pre-cleaned **unglazed** terracotta tiles
- Freshly applied Acryloc CRC

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

- No further preparation is required for freshly applied CRC.
- For concrete or unglazed terracotta, pressure clean and ensure all surfaces to be coated are clean, sound, free from contaminants including; oil, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material.
 - Application of Acryloc Heavy Duty Cleaner prior to pressure cleaning is recommended for removal of moss & lichen. The surface must be thoroughly cleaned to remove Heavy Duty Cleaner before priming.
- Application of Acryloc Mould Rid prior to priming is highly recommended to inhibit growth of moss & lichen.
- The substrate must be primed with Acryloc Primerbond.
- Apply Acryloc Primerbond at the rate of 10-12 m²/L and allow to dry (approx 30mins)

Refer to the following tech data sheets;

TECH15010	Acryloc Heavy Duty Cleaner
TECH15015	Acryloc Mould Rid
TECH13035	Acryloc Primerbond

APPLICATION

- Acryloc *Terracote* does not require thinning or dilution

Method

- See 'Important Notes'
- Care should be taken to keep Acryloc *Terracote* off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry
- Acryloc *Terracote* can be applied using a roller, brush, pad, HVLP spray equipment or airless spray equipment

Priming (cleaned, concrete tiles or unglazed Terracotta tiles)

- Mix Primerbond thoroughly with a broad, flat stirrer, using an upward lifting action
- Apply primer heavy enough to thoroughly wet tiles, but not to run excessively or pool (at the rate of 10-12m²/L) and allow to dry (approx 30mins)

Top Coat – High Gloss over fresh CRC or primed tiles

- Add 1Lt of Acryloc Tint Pac colour to the 20L Acryloc *Terracote Gloss Base* pail
- Mix thoroughly with a broad, flat stirrer, using an upward lifting action, or power mixer
- Apply evenly, avoid loading coating in one area as this will retard drying time and may cause sagging
- Try to maintain a maximum of 150-175uM Wet Film Thickness for a single coat by checking regularly with a Wet Film Thickness Gauge
- If using airless spray equipment, a 19 thou tip and white gun filter is recommended
- Minimum one (1) coat will give good results as a finish coat over a single coat of CRC
- Minimum two (2) coats must be applied for good results as a colour coat on concrete or terracotta tiles

Important Notes

- A terracotta substrate must be sufficiently 'through dry' to allow penetration of the primer coat. As a guide, allow two (2) days of fine, warm weather prior to coating application
- Do not apply Acryloc *Terracote* on exposed surfaces when rain is anticipated within 8 hours of completion of the work, longer in damp, cold +/- humid conditions
- Avoid application in full direct sun
- **Do not apply on hot surfaces or in hot windy conditions**
- Do not apply where temperature is below 12°C, or is likely to fall below 12°C during the drying period
- 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 *Terracote*

TECHNICAL DATA

APPEARANCE	White viscous liquid		
ODOUR	Low		
RESIN TYPE	100% acrylic emulsion		
APPLICATION METHODS	Spray		
SPECIFIC GRAVITY (NOMINAL)	~1.02 as Gloss base; 1.05 -1.14 with Tint added		
VOLUME SOLIDS (APPROX)	32 - 36% as Gloss Base; 34 - 40% with Tint added		
WEIGHT SOLIDS (APPROX)	34 - 38% as Gloss Base; 39 – 46% with Tint added		
THEORETICAL COVERAGE	5-6m ² /L per coat		
WET FILM THICKNESS (RECOMM)	150-175 microns per coat		
DRY FILM THICKNESS (MIN)	53-62 microns		
DRY TIME (25°C & 50% RH) (APPROX)	Tack Free	Recoat/ Overcoat	Fully Dried
	2 hours	4 hours	24 hours
NO. OF COATS	Min 1 coat over fresh CRC paint, Min 2 coats on primed tiles		
GLOSS LEVEL	High Gloss		
SOLVENT FOR CLEANING	Water		
UV RESISTANCE	Excellent		
CHEMICAL RESISTANCE	N/A		
ABRASION RESISTANCE	N/A		
DURABILITY	Excellent		
FLAMMABILITY	Non-flammable		

WARRANTY

Acryloc Building Products provides a material replacement warranty against peeling or flaking of the full CRC System caused by any defect in manufacture for a period of ten years when applied correctly by a skilled and experienced applicator in accordance with all current application criteria, including but not limited to, substrate type and preparation, application rates and methods, prevailing weather conditions and protection of finished work. Application dates, product batch numbers and quantities must be recorded and supplied as a minimum to effect potential product failure investigation.

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

Acryloc Building Products 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 Terracote** 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 Terracote** 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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