

ACRYLOC® HIGH BUILD UNDERCOAT

(CRC System)

Data Sheet: TECH14010

PRODUCT TYPE

Undercoats

PACKAGING

15L Heavy Duty Plastic Pail

NOMINAL WEIGHT

22.5kg

PRODUCT & STOCK CODES

High Build Undercoat 14010

DESCRIPTION

Acryloc *High Build Undercoat* is a water based acrylic, self-leveling & filling undercoat, designed for application to primed surfaces. Acryloc *High Build Undercoat* is pigmented to assist in achieving uniform coverage.

MAIN USES

Acryloc *High Build Undercoat* fills and levels the surface of cement roof tiles to help improve the appearance of the finished roof coating system. When applied liberally to rough tile surfaces after priming, Acryloc *High Build Undercoat* provides a smoother, more even surface for top coat application.

FEATURES & BENEFITS

- Excellent water resistance
- Excellent vapour permeability
- Excellent durability
- Strong adhesion
- Improves appearance & coverage of finish coatings
- Low maintenance
- Easy to apply
- Water based
- 10 yr Coating System warranty when correctly applied
- Easy & safe clean up

COMMERCIAL ROOF COATING SYSTEM



↳ Surface Preparation (if required)

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

(or) Acryloc Metal & Galv Primer TECH13005

↳ High Build Undercoat

Acryloc High Build Undercoat

↳ Finish

Acryloc CRC TECH26150

Acryloc Terracote (optional) TECH26152

SUITABLE SUBSTRATES – when properly prepared

- Primed concrete roof tiles

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 primed concrete tiles.

APPLICATION

- Acryloc *High Build Undercoat* does not require thinning or dilution
- Care should be taken to keep Acryloc High Build Undercoat off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry

Method

- Mix thoroughly with a broad, flat stirrer, using an upward lifting action, or power mixer
- Acryloc *High Build Undercoat* can be applied using a HVLP spray equipment or airless spray equipment
- If using airless spray equipment, a 23-25 thou tip and white gun filter is recommended
- Try to maintain a Wet Film Thickness of 250-275 microns for a single coat by checking regularly with a Wet Film Thickness Gauge
- Apply evenly, avoid loading coating in one area as this will retard drying time and may cause sagging and blistering of the top coat
- Acryloc *High Build Undercoat* must be over-coated with Acryloc CRC

Refer to the following tech data sheet;

TECH26150 Acryloc CRC

Important Notes

- Do not apply Acryloc *High Build Undercoat* on exposed surfaces when rain is anticipated within 5 hours of completion of the work, longer in damp, cold +/- or humid conditions
- Avoid application in full sun, on hot surfaces or in hot windy conditions
- Do not apply where temperature is below 10°C, or is likely to fall below 10°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 *High Build Undercoat*

TECHNICAL DATA

| | | | |
|--------------------------------------|---------------------------------|------------------|-------------|
| APPEARANCE | Off-white, viscous liquid | | |
| ODOUR | Low | | |
| RESIN TYPE | Acrylic | | |
| APPLICATION METHODS | Spray | | |
| SPECIFIC GRAVITY (NOMINAL) | 1.3 -1.5 | | |
| VOLUME SOLIDS (APPROX) | 35-39% | | |
| WEIGHT SOLIDS (APPROX) | 53 -57% | | |
| THEORETICAL COVERAGE | 3.5-4m ² /L per coat | | |
| WET FILM THICKNESS (RECOMM) | 250-275 microns per coat | | |
| DRY FILM THICKNESS (MIN) | 90-100 microns per coat | | |
| DRY TIME (25°C & 50% RH) (APPROX) | Tack Free | Recoat/ Overcoat | Fully Dried |
| | 30 minutes | 1 hour | 2 hours |
| NO. OF COATS | Typically 1 coat | | |
| GLOSS LEVEL | Flat | | |
| SOLVENT FOR CLEANING | Water | | |
| UV RESISTANCE | N/A – must be overcoated | | |
| CHEMICAL RESISTANCE | N/A | | |
| ABRASION RESISTANCE | N/A | | |
| DURABILITY | Excellent | | |
| FLAMMABILITY | Non- flammable | | |

WARRANTY

Acryloc provides a material replacement warranty against peeling or flaking of the full CRC system for a period of ten years when the system is correctly applied 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.

SAFETY & HANDLING

Refer to **MSDS** for **Acryloc High Build Undercoat** 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 High Build Undercoat** 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

Refer to **MSDS** for **Acryloc High Build Undercoat** 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**

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

MANUFACTURED BY:

Bizfine Pty Ltd
T/A Acryloc Building Products
174 Cavan Rd
DRY CREEK SA 5094
AUSTRALIA
P: +61 8 8368 0222
F: +61 8 8349 4260
E: sales@acryloc.com.au
W: www.acryloc.com.au

ORDERS:

F: +61 8 8349 4260
E: store@acryloc.com.au