

## THERMABLOCK<sup>®</sup> EXTERIOR ACRYLIC

### PRODUCT TYPE

Exterior Paint

### PACKAGING

15L Plastic Pails\*

### NOMINAL WEIGHT

21kg

### DESCRIPTION

*Thermablock Exterior Acrylic* is a revolutionary product; it combines the convenience of a self-priming water based paint with Acryloc Reflectacoat<sup>®</sup> technology that keeps exterior surfaces cooler than conventional paints\*\*.

*Thermablock Exterior Acrylic* is a 100% acrylic paint, providing a tough yet flexible finish in a range of 35+ fashionable colours and is available in a Low Sheen finish.

Easy to apply, *Thermablock Exterior Acrylic* is suitable for exterior features such as pergolas, fences, decking and walls on a wide range of surfaces including timber, fibre-cement, bricks and masonry, Zinalume<sup>®</sup> and galvanised iron.

\* *Thermablock Exterior Acrylic* is supplied as a two-component system consisting of *Thermablock Base* and a range of Reflectacoat Tint Pacs. The Tint Pac is added to the base before use; (1.5L Tint Pac added to 13.5L of base).

This technical information is for mixed *Thermablock Exterior Acrylic*.

Both the *Thermablock Base* and the Reflectacoat Tint Pacs are manufactured in our Adelaide factory.

\*\* Measurement of wall surfaces in direct sunlight has shown that *Thermablock Exterior Acrylic* reduces surface temperatures compared to conventional exterior acrylic paint of the same colour. Independent Total Solar Reflectance (TSR) data is available on request.

### FEATURES & BENEFITS

- Self Priming on most surfaces
- Resistant to Mould and Algae growth
- Excellent durability
- Water based, easy to apply and clean up
- Reflects heat, keeping the surface cooler
- Tough yet flexible to resist cracking
- Low odour formulation
- 15 yr Warranty

### SURFACE PREPARATION

Paint will not adhere to a surface that is dirty. Make sure the surface is clean, sound and free from contaminants such as rust, oil, dust, dirt, silicone, moss, salt, efflorescence and loose or flaking material.

| Surface  | Primer?                 | Preparation Notes   |
|--|-------------------------|---|
| ↳ <b>Prepainted Surfaces</b><br>Including primed timber  | No                      | Check for soundness of the original coating, remove any loose or flaking paint, fill holes and cracks and sand to an even finish. Remove dust.  |
| ↳ <b>Exterior Timber</b><br>Decking, pergolas, timber furniture, fascia board, lattice, fences | No                      | Fill nail holes, cracks and imperfections with an exterior grade flexible wood filler. Sand all dressed timber and remove dust.   |
| ↳ <b>Brick, Masonry, Fibre Cement</b>  | No                      | Fill holes with a suitable exterior grade filler. Use a stiff brush and water to remove loose material. Bleach or demossing chemical may be required to remove any moss. Rinse well and allow to dry. |
| ↳ <b>Plastic Pipework &amp; Garden Pots</b>  | No                      | Rub clean with a non-metallic kitchen scour or similar, rinse clean.  |
| ↳ <b>Steel/Wrought Iron</b>  | <b>Yes</b>              | Remove all surface rust by scraping, sanding +/- or wire brushing then apply one coat of Acryloc Primerbond Metal & Galv  |
| ↳ <b>Zinalume<sup>®</sup> / Galvanised Iron</b>  | No<br><br><b>Except</b> | Remove any contaminants with a non-metallic scour. Wipe clean with a damp cloth.<br>If the location is within 1km of the sea, then apply one coat of Acryloc Primerbond Metal & Galv                  |

## APPLICATION

- If the Reflectacoat Tint Pac has not been added to the *Thermablock Base*, add the full contents of the Tint Pac to the base as per the instructions on the label. Do not use the *Thermablock Base* without adding a Tint Pac.
- Thinning is not normally required but up to 100mL of clean water per litre of paint can be added to the first coat when spraying, in warm conditions or on rough sawn timber and other very porous surfaces.
- Acryloc Extenda is recommended in warm conditions to assist in maintaining a 'wet edge'; add up to 30mL per Litre.
- Mix thoroughly.
- Apply two generous coats of *Thermablock Exterior Acrylic* with a brush, roller or spray, allowing a minimum of 2 hours between coats. Allow overnight drying of the first coat on new timber to minimise tannin staining.
- When rolling, synthetic rollers will give the best results. Use a medium (12mm) nap roller on smooth and semi-smooth surfaces. Use a longer nap roller on rough surfaces, e.g. 20mm for Besser Block.
- If using airless spray equipment a 17 or 19 thou tip is recommended.

### Coverage

Actual Coverage depends on the surface condition and application technique. Coverage will generally be lower on surfaces that are rough and/or porous. Losses will vary depending on the method of application.

On smooth surfaces coverage of up to 16 square meters per litre can be expected, while on rough sawn timber 8-12 square metres per litre is typical.

### Important Notes

- Do not apply *Thermablock Exterior Acrylic* when rain is anticipated within 8 hours of completion of the work, longer in damp, cold +/- 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
- The 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

*Thermablock Exterior Acrylic* is water based, clean up with water.

Do not pour leftover liquid or washings down the drain. Unwanted coating should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Should a spill occur, soak up liquid with sand/sawdust and dispose of in a sensible manner. Do not permit run-off to sewer, storm water or open bodies of water.

Empty containers should be left open in a well ventilated area to dry out before disposal.

## OTHER CONSIDERATIONS

### Shelf-Life – Unopened Containers

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

Once Tint Pac has been added to base, use within three (3) months

### 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 *Thermablock Exterior Acrylic* and Acryloc Tint Pac

## TECHNICAL DATA

|  |                                     |                  |             |
|--|-------------------------------------|------------------|-------------|
| APPEARANCE                               | White or coloured viscous liquid    |                  |             |
| ODOUR                                    | Low                                 |                  |             |
| APPLICATION METHODS                      | Roller, brush, spray                |                  |             |
| SPECIFIC GRAVITY (NOMINAL)               | ~1.2 (base), ~1.3 (base + Tint Pac) |                  |             |
| DRY TIME (25°C & 50% RH) ***<br>(APPROX) | Tack Free                           | Recoat/ Overcoat | Fully Dried |
|  | 20 minutes                          | After 2 hours    | 24 hours    |
| NO. OF COATS                             | Minimum 2 generous coats            |                  |             |
| GLOSS LEVEL                              | Low Sheen and Satin                 |                  |             |

\*\*\*Recoat times shown are for normal conditions on a day of around 25°C; times may be longer if it is cold +/- humid, shorter if it is warm +/- dry.

## WARRANTY

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law and the benefits provided by our warranty are in addition to other rights and remedies available to the consumer under the law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In addition to these legal requirements, Acryloc Building Products provides a material replacement warranty against cracking, peeling, flaking or blistering caused by any defect in manufacture for a period of fifteen years provided that the *Thermablock Exterior Acrylic* is applied 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.

Acryloc Building Products provides no warranty, expressed or implied, against damage due to movement of the substrate or structure and Acryloc Building Products cannot accept responsibility for variations in colour, strength, appearance or workability resulting from on-site mixing procedures and conditions.

To claim under this warranty, contact us by phone, mail, or through the 'contact us' facility on our website (see the contact information below), and give details of the claim, including your contact details. Proof of purchase is required and we reserve the right to inspect the affected property at our cost.

## SAFETY & HANDLING

Refer to **MSDS** for *Thermablock Exterior Acrylic* 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 *Thermablock Exterior Acrylic* 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

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

## FIRST AID MEASURES

### 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:

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