

## ACRYLOC® ARMOURFLEX™

PRODUCT TYPE	PACKAGING	NOMINAL WEIGHT
Membrane Coating	5L, 10L 15L Heavy Duty Plastic Pail	7.5kg, 15kg, 23kg respectively

### DESCRIPTION

Acryloc *Armourflex* is a durable, water based impact coating, designed to provide fashionable colour and long-term external protection for all masonry surfaces. *Acryloc Armourflex* is available in both matt and a low sheen finishes.

*Acryloc Armourflex* is a flexible membrane coating with excellent crack bridging properties; it is able to bridge cracks greater than 5 times the dry film thickness.

A range of attractive effects can be achieved using specialized rollers and the high film build makes *Acryloc Armourflex* ideal for coating surfaces such as fibre-cement board, acrylic based textures, cement render and tilt panel walls.

*Acryloc Armourflex* is supplied as tint bases to distributors and in tinted, ready to use form to end users. Over 2000 colours are available using our tint system and a colour matching service is also offered.

### FEATURES & BENEFITS

- Excellent water resistance & vapour permeability
  - Excellent flexibility & crack bridging
  - Excellent durability
  - Strong adhesion
  - Water based, Easy to apply
  - Low maintenance
  - Easy & safe clean up
  - Tintable to a wide range of colours
- Refer to the Wallcote System specification for the substrate being coated and carry out any preparatory steps.
- ↳ **Primer** (where required)  
Primerbond Masonry Concentrate, Grip Primer  
Primerbond Rendercoat (or) Primerbond Green Render
- ↳ **Texture Coating** (where required)
- ↳ **Membrane Coating**  
*Acryloc Armourflex in Masonry Matt or Lo Sheen*

### SUITABLE SUBSTRATES – when properly prepared

- Cement Render
- Fibre Cement Sheeting (Fibro/Blue board)
- Clay and Concrete Brickwork and Blocks
- Tilt panel walls
- AAC (Autoclaved Aerated Concrete)
- Rendered expanded polystyrene
- Texture Coat
- Other primed exterior surfaces

### SUBSTRATE PREPARATION

Note: If applying *Acryloc Armourflex* over freshly applied *Acryloc Texture*, no further preparation or priming is required

- 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
- All substrates other than freshly applied texture must be primed, normally with *Acryloc Primerbond Masonry Concentrate*. *Acryloc Primerbond Grip Coat* is recommended for use with *Eco-Tex Scratch* as *Grip Coat* can be tinted to prevent the substrate showing through.

### Either

Use *Grip Primer* and apply a single coat of at the rate of 8-10 m<sup>2</sup>/L

- **Or** - Use diluted *Acryloc Primerbond Masonry Concentrate* and apply a single coat of at the rate of 10-13 m<sup>2</sup>/L
- **Or** - Use *Primerbond Green Render / Rendercoat* and apply a single coat at the rate of 9-11 m<sup>2</sup>/L.

- Allow all *Primerbond Primers* to dry before commencing following coats

(Note: *Primerbond Masonry Concentrate* is supplied as a concentrate which must be diluted 1:1 before use)

## APPLICATION

- Acryloc *Armourflex* may require thinning, depending upon the application method used. Up to 1L of clean water may be added to a 15L pail (~6.5%) without the need to apply any extra coats. Thorough mixing is essential. Greater than 10% addition is not recommended in a final coat.

## Method

- Mix thoroughly with a broad, flat stirrer, using an upward lifting action, or use a power mixer and check that the colour is correct before commencing work.
- Care should be taken to keep Acryloc *Armourflex* off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry
- Acryloc *Armourflex* can be applied using a roller, brush, pad, HVLP spray equipment or airless spray equipment
- If using a roller, roll the coating in one (1) direction only, to avoid cross masking of layers and picture framing.
- Use a 13mm nap roller cover on smooth surfaces and 20mm nap on coarse Texture. Maintain a wet edge terminating only when the whole section is completely coated, for example; at an expansion joint or corner
- If using airless spray equipment, a 19-21 thou tip and white gun filter is recommended. Try to maintain the recommended Wet Film Thickness for each single coat by checking regularly with a Wet Film Thickness Gauge
- It is strictly advised not to hose down or use pressurised washing systems on the coated wall for a minimum of fifteen (15) days from date of application

## Coverage

Surface	Per Coat			Recommended Coats
	Wet Film Thickness	Apply at	Coverage	
Smooth surfaces , fine render/texture	100-125 microns	8-10 m <sup>2</sup> per Litre	120-150 m <sup>2</sup> per 15L Pail	1-2
Coarse texture	-	4-6 m <sup>2</sup> per Litre	60- 90 m <sup>2</sup> per 15L Pail	1-2

## Important Notes

- Do not apply Acryloc *Armourflex* when rain is anticipated within 5 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
- Do not apply if Relative Humidity is above 85% or temperature is within 3°C of Dew Point
- Application should be carried out on a day with temperatures above 10°C and below 32°C ambient.
- Surface temperature must be above 10°C during the application and the drying period
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost, dew and severe weather conditions until fully dried or for at least 48 hours
- Surface to be primed / painted must have a residual moisture content <10%. Moisture meters should be used

## OTHER CONSIDERATIONS

### Clean-Up

Clean up with water

### 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 **SDS** for Acryloc *Armourflex*

**TECHNICAL DATA**

APPEARANCE	Coloured viscous liquid	
ODOUR	Low	
RESIN TYPE	100% pure acrylic emulsion	
APPLICATION METHODS	Roller, brush, spray	
SPECIFIC GRAVITY (NOMINAL)	~ 1.4	
**DRY TIME (25°C & 50% RH)	Tack Free	Recoat/ Overcoat
(APPROX)	2-3 hours	After 24hours
GLOSS LEVEL	Matt and low sheen available	

\*\* All water based texture / paint systems continue to cure over several weeks / months in certain weather conditions.

**SAFETY & HANDLING**

Refer to **SDS for Acryloc Armourflex** 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 Armourflex** 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

**MANUFACTURED BY:**

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