

## ACRYLOC® ARMOURFLEX™ EXTREME

PRODUCT TYPE	PACKAGING	NOMINAL WEIGHT
Membrane Coating	15L Heavy Duty Plastic Pail	23kg

### DESCRIPTION

Acryloc *Armourflex Extreme* is a high performance, high build, water based acrylic, protective coating for interior and exterior surfaces. The high film build and inherent flexibility of *Armourflex Extreme* gives excellent crack bridging properties and, combined with excellent water resistance, make it ideal for high level protection on new substrates and for remedial work over hairline cracks.

A range of attractive effects, including a stipple effect, can be achieved using specialized rollers or can be applied by conventional roller, texture roller, brush or spray gun.

Acryloc Building Products provides a material replacement warranty against peeling or flaking of the full *Armourflex Extreme* System caused by any defect in manufacture for a period of 15 years.

### 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 Extreme 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 *Armourflex Extreme* 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 but other alternatives are available as shown below

#### Either

- Apply a single coat of diluted Acryloc Primerbond Masonry Concentrate at the rate of 10-13 m<sup>2</sup>/L
- **Or** – if a tinted primer is required, apply a single coat of Primerbond Rendercoat at the rate of 9-11 m<sup>2</sup>/L
- **Or** – for new render or concrete, apply a single coat of Primerbond Green Render at the rate of 9-11 m<sup>2</sup>/L.
- **Or** – on a very smooth surface, apply a single coat of Primerbond Grip Coat at the rate of 8-10 m<sup>2</sup>/L. This will help prevent roller slip when applying the top coat.

Allow the Primerbond to fully 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 Extreme* should be thinned for cutting in with a brush and for the first coat. This is particularly important to ensure even application of the first roller coat.
- Add 5-10% of clean water (750mL to 1.5L) to a 15L pail of *Armourflex Extreme*.
- 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.
- Thorough mixing is essential.
- Second and subsequent coats of *Armourflex Extreme* must not be thinned

## Method

- Care should be taken to keep Acryloc *Armourflex Extreme* 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 Extreme* can be applied using a nap roller, texture roller brush or spray gun.
- If using a roller, roll the coating in one (1) direction only, to avoid cross masking of layers and picture framing.
- Use a 20mm nap roller cover for a conventional finish or a Texture roller (Fine or Coarse) for a stipple effect. 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 tip size of 21 thou or larger is recommended.
- 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	Min 2
Coarse texture	-	4-6 m <sup>2</sup> per Litre	60- 90 m <sup>2</sup> per 15L Pail	Min 2

## Important Notes

- Do not apply Acryloc *Armourflex Extreme* 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 Extreme*

**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) (APPROX)	Tack Free	Recoat/ Overcoat
	2-3 hours	After 24hours
GLOSS LEVEL	Matt and low sheen available	

\*\* All water based coating systems continue to cure over several weeks/months depending on weather conditions.

**SAFETY & HANDLING**

Refer to **SDS** for *Acryloc Armourflex Extreme* 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](http://www.acryloc.com.au)**

When working with *Acryloc Armourflex Extreme* 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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