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 a matt and a low sheen finish.

Acryloc *Armourflex* is a flexible membrane coating with excellent crack bridging properties; 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 resellers 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 m2/L

- **Or** - Use diluted Acryloc Primerbond Masonry Concentrate and apply a single coat of at the rate of 10-13 m2/L
- **Or** - Use Primerbond Green Render / Rendercoat and apply a single coat at the rate of 9-11 m2/L.

- Allow the Primerbond Primers to dry before commencing subsequent coats

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

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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 5% 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

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

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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 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**

Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

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

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