

ACRYLOC® PRIME SEAL

PRODUCT TYPE

Primers & Undercoats

PACKAGING

5L, 10L, 15L Heavy Duty Plastic Pail

NOMINAL WEIGHT

6kg, 12kg, 18kg respectively

DESCRIPTION

Acryloc *Prime Seal* is a specially formulated pigmented masonry primer and sealer, designed to be highly penetrative into both dense and porous substrates.

Acryloc *Prime Seal* assists in increasing adhesion and reducing absorption of the topcoat, is water resistant, is water vapour permeable, helps block efflorescence and is alkali resistant.

The pigment in Acryloc *Prime Seal* helps applicators ensure complete coverage of both the *Prime Seal* and of the subsequent coating. Acryloc *Prime Seal* is supplied as a concentrate and must be diluted with clean water before use.

FEATURES & BENEFITS

- Excellent water resistance
- Excellent vapour permeability
- High Penetration
- Excellent durability
- Strong adhesion
- Easy to apply
- Water based
- Easy & safe clean up

SUITABLE SUBSTRATES

- Cement Render & other rendered surfaces
- Fibre Cement Sheeting (Fibro/Blue board)
- Concrete floors and sports courts
- Asphalt paths and sports courts
- Limestone blocks
- Clay and Concrete Brickwork
- Concrete blocks
- AAC (Autoclaved Aerated Concrete)
- Tilt Panel & Off form Concrete

SUBSTRATE PREPARATION

- 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
- Care should be taken to keep Acryloc Prime Seal off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry.

For very smooth concrete, it is advisable to lightly acid etch the surface to provide a 'mechanical key' effect.

- Acid wash surface using 10% hydrochloric acid solution poured onto the surface with a suitable PVC watering can and worked in with a stiff bristle garden broom. The acid will react with the surface and have a bubbling effect, hose down thoroughly with clean water. Be careful not to acid wash too big an area at one time. Note: Please follow all manufacturer's safety guidelines and use appropriate personal protective equipment when using hydrochloric acid.
- After the surface is washed and fully dry it is ready for priming.

APPLICATION

Acryloc *Prime Seal Concentrate* must be diluted with clean water before use.

For most masonry surfaces, a 1:1 dilution is recommended:

- slowly add one (1) part Acryloc *Prime Seal Concentrate* to one (1) part of clean water and mix well.

For low porosity, dense substrates, such as highly polished concrete:

- slowly add one (1) part Acryloc *Prime Seal Concentrate* to two (2) parts of clean water and mix well.

Method

- Acryloc *Prime Seal* can be applied using a roller, brush, HVLP spray equipment or airless spray equipment
- If using spray equipment, a 19 thou tip and white gun filter is recommended
- Apply diluted Acryloc *Prime Seal* at the rate of 12.5-16.5 m²/L, regardless of the dilution used
- Acryloc *Prime Seal* must be over-coated with appropriate products from the coating system being used

Important Notes

- Do not apply Acryloc *Prime Seal* on exposed surfaces when rain is anticipated within 6 hours of completion of the days 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
- 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

Coverage

Dilution	Application Rate	Coverage when diluted	From Concentrate
1:1	12.5-16.5m ² / L	190-250 m ² per 15L	375-500 m ² per 15L Pail
1:2	"	"	560-750 m ² per 15L Pail

Clean-Up

Clean up with water

OTHER CONSIDERATIONS**Shelf-Life – Unopened Containers**

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

When diluted from concentrate, maximum three (3) months from date of dilution

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 *Prime Seal*

TECHNICAL DATA

APPEARANCE	Light grey viscous liquid		
ODOUR	Low		
APPLICATION METHODS	Roller, brush, spray		
SPECIFIC GRAVITY (NOMINAL)	~ 1.2 (as concentrate)		
THEORETICAL COVERAGE	See coverage table		
DRY TIME (25°C & 50% RH) (APPROX)	Tack Free	Recoat/ Overcoat	Fully Dried
	30 mins	After 45 mins	2 hours
NO. OF COATS	Typically 1 coat		

SAFETY & HANDLING

Refer to **MSDS** for **Acryloc Prime Seal** 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 Prime Seal** 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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