

ACRYLOC® LIQUID BOND

PRODUCT TYPE

Colourants & Additives

PACKAGING

20L Heavy Duty Plastic Pail / 5L Plastic Jerry Can

NOMINAL WEIGHT

22kg, 5.5kg respectively

DESCRIPTION

Acryloc *Liquid Bond* is a bonding agent for use in cement renders or as a mortar additive.

Acryloc *Liquid Bond* is added to the mixing water; it increases the adhesion, flexibility, tensile strength and impact resistance of cement based mortars and will maintain workability by reducing water absorption from the mixture by the substrate.

FEATURES & BENEFITS

- Aids workability
- Improves adhesion
- Water based
- Easy & safe clean up

APPLICATION

Acryloc *Liquid Bond* may be added to the mix water used for sand cement mixes & pre-mixed renders when a thin coat of render (3-5mm) is to be applied and/or to aid adhesion on substrates such as Expanded Polystyrene, low porosity concrete, hard fired bricks and low/variable porosity block or stone.

- Do not add Acryloc *Liquid Bond* directly to the dry render mix.
 Either - Prepare a large container of mix water containing Acryloc *Liquid Bond* (see dilution in the tables below) and measure out the amount to be added to the mixing pail for each batch of render;
 Or add the batch quantity of water to the mixing pail and then the required quantity of Acryloc *Liquid Bond* batch by batch. (see quantities per 20kg bag of render in the tables below)

For Acryloc Wallcote Trade or site mixed render

Render Substrate	Liquid Bond per 20kg bag	Prepared as Mix Water	
		Liquid Bond	Water
General	500mL	1 part	6 parts
Fibre Cement Sheets, Low Porosity Concrete, Porous Block	750mL	2 part	7 parts
Polystyrene, Thin Coats (2-4mm), Prev. Painted*, Hard Fired Brick**	1L	2 part	5 parts

For Acryloc Wallcote Pro

Acryloc Wallcote Pro render contains polymer and can be used on many substrates without addition of Acryloc Liquid Bond. However, addition of Acryloc Liquid bond is recommended when thin render layers are required and when coating some substrates as indicated below:

Render Substrate	Liquid Bond per 20kg bag	Prepared as Mix Water	
		Liquid Bond	Water
Polystyrene, Thin Coats (2-4mm), Prev. Painted*, Hard Fired Brick**	300mL	1 part	8 parts

* Where the porosity is very low, paint the substrate with a solution of Liquid Bond and water (mixed 1:2) immediately before applying a first Render Coat. There is no need to wait for the Liquid Bond coat to dry before applying the render.

**Previously painted surfaces can be successfully rendered but the paint coating MUST be sound and well bonded to the substrate. If this is not the case, the paint coating should be broken up to allow the coating to penetrate to the substrate.

- Add the dry render steadily to the water/Liquid Bond while mixing, preferably with a power mixer. Continue mixing until a smooth, lump free consistency is achieved.
- Allow the mix to stand for 3-5 minutes, re mix and adjust to the desired consistency with a small quantity of water, if required.

Important Notes

- Over use of Acryloc *Liquid Bond* can adversely affect curing, adhesion and durability of the coating system and will void the warranty
- Not to be used with other products

Clean-Up

Clean up with water

OTHER CONSIDERATIONS**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 **MSDS** for Acryloc *Liquid Bond*

TECHNICAL DATA

APPEARANCE	White liquid, clear when dry
ODOUR	Low
RESIN TYPE	Acrylic emulsion
SPECIFIC GRAVITY (NOMINAL)	~1.06
SOLVENT FOR CLEANING	Water

SAFETY & HANDLING

Refer to **MSDS** for **Acryloc Liquid Bond** 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 Liquid Bond** observe the following precautions as a minimum:

- 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

FIRST AID MEASURES

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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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