ACRYLOC® LIQUID BOND™

PRODUCT TYPE	PACKAGING	NOMINAL WEIGHT
Additives	20L Heavy Duty Plastic Pail / 5L Plastic Jerry Can	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 helps maintain workability by reducing water absorption from the mixture into 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 uncoated Expanded Polystyrene, low porosity concrete, hard fired bricks, previously painted surfaces* 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
AAC panels	~300mL	1 part	11 parts
General	~500mL	1 part	6 parts
Fibre Cement Sheets, Low Porosity Concrete, Porous Block	~750mL	2 parts	7 parts
Polystyrene, Thin Coats (2-4mm), Prev. Painted*, Hard Fired Brick**	~ 1L	2 parts	5 parts

For Acryloc Wallcote Pro

Acryloc Wallcote Pro render contains some 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 difficult 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**	~500mL	1 part	6 parts

* 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 render coating to penetrate.

** 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* to dry before applying the render.

- 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.

The information provided herein is considered correct at the time of publication. It is the responsibility of those using this information to check that it is current prior to specifying or using any of the products or coating systems. Any advice, recommendation or information provided by any of the officers of Acryloc Building Products in relation to goods manufactured by it for their use and application, is given in good faith and is believed by Acryloc Building Products to be appropriate and reliable. However, this advice, recommendation and information is provided without liability or responsibility without excluding or limiting responsibility under relevant Government acts. Acryloc and other marks followed by the symbol ® or ™ are trademarks.

AUSTRALIAN OWNED, AUSTRALIAN MADE AND PROUD OF IT

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

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 *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 **SDS** 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 the product 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

Refer to **SDS** 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**

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:

Bizfine Pty Ltd T/A Acryloc Building Products
174 Cavan Rd
DRY CREEK
South Australia 5094
P: +61 8 8368 0222 or 1300 661 745 E: sales@acryloc.com.au W: www.acryloc.com.au

The information provided herein is considered correct at the time of publication. It is the responsibility of those using this information to check that it is current prior to specifying or using any of the products or coating systems. Any advice, recommendation or information provided by any of the officers of Acryloc Building Products in relation to goods manufactured by it for their use and application, is given in good faith and is believed by Acryloc Building Products to be appropriate and reliable. However, this advice, recommendation and information is provided without liability or responsibility without excluding or limiting responsibility under relevant Government acts. Acryloc and other marks followed by the symbol ® or ™ are trademarks.

AUSTRALIAN OWNED, AUSTRALIAN MADE AND PROUD OF IT