

Bel-Seal AM

DESCRIPTION

Bel-Seal AM is a high performance, single component, water based synthetic acrylic copolymer which dries to form a tough flexible waterproofing membrane. Its' high solids, high build properties allow for greater durability and allows for movement with out cracking.

Bel-Seal AM is suitable for both interior and exterior uses. It is easily applied at the recommended thickness to both vertical and horizontal surfaces.

FEATURES AND BENEFITS

- Safe to use/non-flammable.
- Water clean up.
- Convenient packaging.
- Low odour and toxicity.
- Excellent adhesion to brick, masonry, concrete, compressed fibreboard, stone and timber.
- Non staining.
- Good crack bridging properties.

RECOMMENDED USES

- Internal wet areas such as; bathrooms, showers, and laundries.
- Exterior surfaces such as balconies, window reveals, podiums decks.
- Compatible with most *ACS* tile adhesives. (Seek advice from manufacturer prior to selection of tile adhesive).

PERFORMANCE PROPERTIES

Appearance	Thick paste
Colour	White or Blue
Finish	Low sheen
Volume Solids	50% by volume
Tensile Strength	3.0
Elongation at Break	300%
Viscosity	140KU 25 ^o
Re-coat time	Minimum 8 Hours
Dry Time @25°C	2 hours @25 ^o C
Desired Film Thickness	1.5mm

PACKAGING

Bel-Seal AM is packaged in 15 and 20 litre domestic pails.

COVERAGE RATES

- 1st Coat 4 – 6m²/ litre
- 2nd Coat 5 – 7m²/litre

SURFACE PREPARATION

All surfaces to be water-proofed should be clean, sound and dry. The concrete surface should be smooth.

Holes, non-structural cracks and other surface deformities should be repaired using *ACS Polycrete Mortars* in accordance with the technical data sheets.

All concrete surfaces should be primed using *ACS Acrylic Primer* at 5m²/litre.

For all decks or exposed areas use *ACS Barrier Seal WB* as the primer at 6m²/litre.

All shrinkage and non-moving structural cracks should be prepared with not less than two coats of *Bel-Seal AM* extending 100mm either side of the crack, incorporating a 150mm strip of polyester reinforcing fabric. Allow this to cure overnight before general application of the membrane.

DETAILING

Detail all joints, cracks, outlets, penetrations and internal corners with a 150mm of polyester reinforcing fabric bedded between two heavy coats of *Bel-Seal AM*

Wet areas:- Once all surfaces to be waterproofed have been primed, install a fillet of joint sealant at the wall/floor junction prior to the application of the membrane as above.

PLACING CONTINUOUS MEMBRANE

1. Apply a minimum of two coats of *Bel-Seal AM* membrane by brush, or roller.
2. Apply each application in a cross direction to the previous coat to ensure even coverage.
3. Allow a minimum of two hours drying between each coat.

TILES

Ceramic tiles may be laid on a mortar bed or otherwise fixed directly with a range of quality tile adhesives from the *ACS* range of tile adhesives. This can be achieved within 24 – 48 hours.

CLEAN UP

Wash all equipment in water or water/detergent immediately on completion of application and mixing.

SAFETY

Bel-Seal AM is non-flammable and is classified non-hazardous under work safe guidelines. However, all manufactured products should be handled with care and due diligence.

- If swallowed do NOT induce vomiting – give glass of water.
- If in eyes, hold eyes open, flush with water for at least 15 minutes.
- If skin contact occurs wash skin thoroughly do no use solvents.

For further information on above products, see Material Safety Data Sheet available from the address below.

STORAGE

Store between 10°C and 30°C away from direct sunlight. Partly used containers must be sealed tight when not in use.

SHELF LIFE

Shelf life is up to 12 months if kept in a cool, dry storage area.

HEALTH AND SAFETY

Bel Seal AM is non-flammable and is classified non-hazardous under work safe guidelines. However, all manufactured products should be handled with care and due diligence.

- If swallowed do NOT induce vomiting – give glass of water.
- If in eyes, hold eyes open, flush with water for at least 15 minutes.
- If skin contact occurs wash skin thoroughly do no use solvents.
- Some individuals may experience a skin reaction to *Bel Seal AM*. Those individuals should wear personal protection equipment.

For further information on above products, please refer to the relevant Material Safety Data Sheet.

Please Note:- The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexperienced or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.



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