

PRODUCT DATA SHEET

GripCure Acrylic

Water based acrylic emulsion concrete curing compound

Product Description:

GripCure Acrylic is a water-based membrane forming slightly viscous acrylic emulsion solution which dries to a colourless stain-free surface finish when applied to the concrete

Specification Type:

- AASHTO M148 (Hardening), National Water Council approved 821052 G 8.
- Approved for use on structures to receive potable water.

Characteristics/Advantages:

- Economical, single application and easy to use. Spray or roller applicable
- Reduces incidence of shrinkage cracks
- Promotes better strength gain characteristics
- Useful as a dust-proofer & surface hardener particularly on floor areas
- No film breakdown period involved
- Does not interfere with subsequent concrete surface treatments
- Non Yellowing
- Does not make surface slippery

Typical Applications:

- **GripCure Acrylic** is an economical method of assisting efficient concrete curing. The presence and retention of water in concrete is essential to ensure adequate strength development and to minimize initial plastic shrinkage crack development.
- Seals in the moisture to assist with hydration of the cement which results in higher strengths, increased durability and minimal surface dusting
- Perfect for applications where additional toppings are going to be applied to the surface

Typical properties:

- **Appearance:** Clear, slightly viscous liquid
- **Application Rate:** 5m² per litre is recommended
- **Specific Gravity:** 1.0 at 20°C
- **Flashpoint:** None Finished Film:
- **Normal application:** clear. On over-application: glossy effect
- **Shelf Life:** Up to 2 years when stored in accordance with manufacturer's instructions
- **Freezing Point:** 0°C
- **Chloride Content:** None
- **Toxicity:** None

Pigmentation:

GripCure Acrylic is also available with a fugitive dye to indicate areas where the curing compound has been applied. It then fades after 2-3 days exposure.

Limitations:

- On over- application, a slightly glassy concrete surface finish can result
- It should be noted that whilst **GripCure Acrylic** is effective in improving moisture retention, the curing Efficiency Index is lower than that of conventional resin film-forming membranes (see data sheet on our **GripCure Resin** Curing Compound range). Therefore, where high curing Efficiency Index Rates are required, the **GripCure Resin** film-forming membrane compounds should be considered. Bear in mind that should subsequent surface coatings be required, the time lapse involved with resin based membranes is substantially longer.

Health and Safety:

Refer to **GripCure Acrylic** MSDS sheet



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