

Solcure Extra AC3 Sealing Compound

Description:

Solcure Extra AC3 is a specially formulated clear acrylic resin polymer compound designed specifically for the initial curing of freshly placed concrete, combined with the added benefits of sealing, hardening, and Dustproofing the concrete surfaces.

Solcure Extra AC3 is a partially penetrative material that provides permanent, non-degrading protection to the concrete surface. The acrylic film formed is UV stable and once cured provides a durable elastic coating.



Technical Data:

| Property | Value |
|---|---|
| Storage Life (In Fully Sealed Containers) | 12 months |
| Appearance | Clear Liquid |
| Specific Gravity (at 15.5°C) | 0.809 |
| Flash Point (PMCC) | 38°C |
| Drying Times (at 20°C) | Initial - 2.6hrs Fully Cured - 24hrs |

- Solcure AC3 provides a labour saving method of curing concrete during the critical early stages.
- May be applied directly to the concrete substrate on finishing.
- Film is touch dry within 2-6 hours from application.
- Coating is fully cured in 24 hours and may be trafficked.
- Provides a permanently hardened surface.
- Provides a durable, dust free surface.
- Suitable for use on power floated floors.
- Material supplied ready to use in factory sealed containers.

Application:

- Solcure Extra AC3 is supplied ready for use and should not be diluted. Concrete should be sprayed with Solcure AC3 at the specified coverage rate immediately after surface finishing and when any free water has dissipated.
- Application should be affected by evenly applying a fine mist spray, from a low pressure sprayer unit. Care should be taken during application in high ambient temperature/windy conditions to avoid dermal and respiratory contact.
- Coverage rates should vary depending upon the intended use.
- A second coat may be applied between 4-24hrs following the initial application.
- Spray equipment should be dedicated for use with Solcure AC3 and must be thoroughly cleaned after use with solvent cleaner.

Coverage:

- To provide effective curing to fresh concrete: 5m²/litre.
- For sealing and dustproofing freshly cast concrete: 6-14m²/litre.
- For sealing and dustproofing mature concrete: 10-14m²/litre.

Storage & Handling:

Solcure AC3 is supplied in sealed containers of 25 and 210 Litres. The material contains flammable solvent based ingredients and must be handled accordingly.

Certification:

Solcure AC3 Complies with the requirements of ASTM C 309-97. Type 1 Class B.

When tested in accordance with ASTM C 156-95 Solcure AC3 applied at a coverage of 5m²/litre, restricts water loss to not more than 0.55Kg/m² of surface in 72hrs.

Solco, Unit 51, Portmanmoor Road Industrial Estate, Ocean Park, Cardiff, CF24 5HB