

EXTRASEAL AC3

Concrete Curing, Sealing & Dustproofing Liquid

Description

Extraseal 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. **Extraseal AC3** is a partially penetrative material which provides a permanent, non-degrading protective matrix to the concrete surface. The acrylic film is UV stable and once cured provides a durable elastic coating which provides protection against staining and subsequent dusting.

Advantages

- **Extraseal 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.

Properties

| | | |
|-------------------|-----------------------------|---------------|
| Drying Times: | Initial | 2.6hrs @ 20°C |
| | Fully Cured | 24hrs @ 20°C |
| Storage Life: | 12mths in sealed containers | |
| Appearance: | Clear liquid | |
| Specific Gravity: | 0.809 @ 15.5°C | |
| Flash Point: | 38°C (PMCC) | |

Application

Extraseal AC3 is supplied ready for use and should not be diluted. Concrete should be sprayed with **Extraseal 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 dependent upon intended use.

A second coat may be applied between 4-24hrs following initial application. Spray equipment should be dedicated for use with Extraseal and must be thoroughly cleaned after use with solvent cleaner.

Coverage

When required to provide effective curing to fresh concrete, **Extraseal AC3** should be applied at 5m²/litre.

When required for sealing and Dustproofing freshly cast concrete, application should be 6-14m²/litre.

When required for sealing and Dustproofing mature concrete, application should be 10-14m²/litre.

Contact our Technical Department for further advice.



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Concrete Surface Treatments

Certification

Extraseal AC3 Complies with the requirements of ASTM C 309-97. Type I Class B.

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

Storage and Handling

Extraseal AC3 is supplied in manufacturer's sealed containers of 25litre and 210litre capacity.

The material contains flammable solvent based ingredients and must be handled in accordance with the Health & Safety Data Sheet for the product.