

Technical Data – PICS Solvent Based Cure & Seal

PRODUCT DESCRIPTION

Solvent Based Cure & Seal is a pre-mixed, colourless blend of high-grade acrylic resin polymers and aromatic solvents.

PURPOSE

To aid curing of freshly laid concrete or to seal existing concrete surfaces.

SPECIAL PROPERTIES

As a curing agent

- Aids curing of fresh concrete
- Slows surface drying
- Reduces chance of plastic cracking
- Conforms with ASTM C-309 and ASTM C-156
- Ideal for use on colour hardened floors
- Suitable for interior or exterior use
- Non yellowing
- Reduces dusting

As a sealer

- Reduces dusting of new and old concrete
- Improves abrasion resistance
- Can be applied by spray, roller or brush.

APPLICATION INSTRUCTIONS

As a curing agent: As soon as final finish is completed and the concrete surface is free of any bleed water, the products should be spray applied as soon as the surface has gained sufficient strength to withstand spray application without damage. The sprayer unit must be equipped with VITON™ seals and solvent resistant hose and body.

The product should be applied at a MINIMUM of 1 litre per 5m². If a second coat is required, allow first coat to dry tack free prior to applying second coat. Application rates may increase due to surface profile and uniformity of application.

As a sealer: Existing concrete surfaces should be clean, dry and free of any surface laitance. When used outside, the product must be applied when there is no chance of rain before the product has fully dried. Concrete should not be sealed below 5°C or above 30°C.

Drying times will vary, depending on temperature and air flow, however as a guide, the film will be tack free within 2 hours at 20°C. Foot traffic may be permitted after 12 hours and vehicular traffic after a minimum of 24 hours at 20°C

PACKAGING

25 and 200 litre metal drums.

STORAGE

Store in a cool, dry place away from heat or ignition sources.

CURING EFFICIENCY

Independently tested to BS7542:1992 guidelines with colour hardener added and trowelled into the surface and final finish trowelled to replicate on site conditions. After 72 hours in the drying cabinet, in the sprayed specimen 87% of the moisture in the mortar that was available to evaporate had been retained.

SPECIFICATION CLAUSE

"Freshly laid concrete, which has received its final finish shall be treated with PICS Solvent Based Cure & Seal from PICS (Tel 01635 202224) to aid curing of the finished slab. All materials should comply with ISO9001 for Quality Assurance. All work should be carried out in conjunction with the manufacturer's technical data sheet and instructions for use."

HEALTH & SAFETY

Flammable liquid. Do not smoke. Keep application area well ventilated. Wear respirator and eye protection when applying internally. Store in a cool place. Flash point 42°C (Abel-Closed Cup). Refer to the Safety Data Sheet for further information.

TECHNICAL SERVICES

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Warranty

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