

Technical Data – PICS Water Based Cure & Seal

PRODUCT DESCRIPTION

PICS Water Based Cure & Seal is a water based acrylic emulsion.

PURPOSE

PICS Water Based Cure & Seal can be applied to aid curing of freshly laid concrete or can be used to seal existing concrete surfaces.

SPECIAL PROPERTIES

As a curing agent:

- Aids curing of fresh concrete
- Slows surface drying
- Reduces chances of plastic cracking
- Can be used on colour hardened concrete floors
- Suitable for interior and exterior use
- 84% curing efficiency
- Conforms with ASTM C-309 and ASTM C-156

As a sealer:

- Improves abrasion resistance
- Enhances colour and aesthetics
- UV light and weather resistant
- Inhibits moss or algae growth
- Resists staining
- Suitable for interior and exterior use

APPLICATION INSTRUCTIONS

Mix well, or shake container thoroughly before use.

As a curing agent: As soon as final finish is completed and the concrete surface is free of any bleed water, the product should be applied by sprayer as soon as the surface has gained sufficient strength to withstand spray application without damage.

The product must be applied at a MINIMUM of 5m²/ litre in one or two applications. Allow first coat to dry tack free prior to applying second coat (if required). Application rates may increase due to surface porosity, 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 10°C or above 30°C. Drying times will vary, depending on temperature, humidity 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.

Treated floors which are sustainably cleaned and / or prepared can be compatible with future water based or solvent-based coatings. Always apply a small test area prior to recoating or subsequent applications. Contacts PICS technical department with any enquiries.

PACKAGING

25 and 200 litre drums.

STORAGE

Store at minimum 5°C. Do not allow to freeze.

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 84% 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 Water Based Cure & Seal from PICS (Tel 01635 202224) to aid curing of the finished slab. All materials should comply to ISO9001 for Quality Assurance. All work should be carried out in conjunction with the manufacture's current technical data sheet and instructions for use"

HEALTH AND SAFETY

PICS Water Based Cure & Seal is non-toxic and non-flammable. The solution can normally be applied without a vapour mask or safety glasses. Avoid contact with skin and eyes. Flush affected areas with water. Do not take internally. Refer to Safety Data Sheet for further information.

TECHNICAL SERVICES

For further information, call our technical dept on:-
Φ UK (01635) 202224

Φ International +44(0)1635 202224

e-mail
Website

info@picsuk.com
www.picsuk.com

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Warranty

Pattern Imprinted Concrete Supplies Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and conditions of Sale, copies of which may be obtained on request. Whilst Pattern Imprinted Concrete Supplies Ltd endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

Manufactured by:

PATTERN IMPRINTED CONCRETE SUPPLIES LIMITED
Unit 2 & 4, Red Shute Hill Ind. Est., Hermitage,
Nr Newbury, Berkshire, RG18 9QL, United Kingdom
www.picsuk.com
info@picsuk.com

