

Technical Data - Water Based Cure and Seal

13-03-2025



PRODUCT DESCRIPTION

HATCRETE Water Based Cure and Seal is a water based acrylic emulsion.

PURPOSE

HATCRETE Water Based Cure and 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 shrinkage cracking
- Conforms with ASTM C-309 and ASTM C-156
- Can be used on colour hardened floors
- Suitable for interior or exterior use
- 90% curing efficiency

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 or 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 surfaces 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 should be applied at a MINIMUM of 1 litre per 5m² 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 and airflow, 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 plastic drums.

STORAGE

Store at a 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 90% 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 **HATCRETE Water Based Cure and Seal** from HATCRETE (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 manufacturers technical data sheet and instructions for use".*

HEALTH AND SAFETY

HATCRETE Water Based Cure and 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 the Safety Data Sheet for further information.

TECHNICAL SERVICES

For further information, call our technical dept on:

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WARRANTY

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