



# HATCRETE

## Clear Sealer

A clear solvent polymer sealer.

C1/SfB
(4-) Yu5 (G5)

### TECHNICAL DATA

# TD 13

COLOUR TECHNOLOGY FOR CONCRETE

#### DESCRIPTION

HATCRETE® Clear Sealer is a solvent based, transparent, acrylic resin polymer solution. It is a colour enhancing, penetrating sealing agent with a low gloss finish designed for application to coloured or uncoloured concrete surfaces.

It is compatible with other HATCRETE® concrete colouring and finishing products and may be used to seal block pavements, precast concrete, reconstituted stone products and new or existing coloured or natural concrete floors.

#### MAIN FEATURES

- Seals and protects concrete.
- Reduces surface dusting.
- Packaged in 20 litre metal drums.
- Non-yellowing and weather resistant.
- Low gloss finish.
- Solvent based, acrylic resin polymer.

#### COVERAGE

The coverage rate of HATCRETE® Clear Sealer is approximately 6-10 square metres per litre, per coat depending on application method, surface porosity and ambient conditions.

#### PACKAGING

HATCRETE® Clear Sealer is supplied in UN certified 20 litre re-sealable metal drums.

#### AVAILABILITY

HATCRETE® Clear Sealer is normally available ex-stock.

#### STORAGE

In keeping with most solvent based materials, HATCRETE® Clear Sealer should be stored in a cool, well ventilated environment, away from naked flames, direct sunlight and all other sources of ignition.

It should be protected from high temperatures and should not be allowed to freeze. Shelf life for this product when stored correctly is 12 months.

#### APPLICATION

HATCRETE® Clear Sealer should be applied to concrete when all finishing operations have been completed. The concrete should be sufficiently cured to minimise the likelihood of salts migrating to the surface and being trapped beneath the sealer.

HATCRETE® Clear Sealer should be used as supplied, without thinning down. The surface should be clean, dry and free from oil, grease, dust, laitence and any other deleterious materials. HATCRETE® Clear Sealer should not be applied in temperatures below 5°C or above 25°C and should not be subjected to extreme temperatures until completely dry. In high temperature zones HATCRETE® Hyseal, a water based clear sealer, should be considered. For further information on this product refer to Technical Data Sheet TD17.

A representative sample of the finished sealed surface should be made prior to commencement of the project. This should be assessed for final appearance, chemical resistance and wet and dry slip resistance.

Application should ideally be by an airless sprayer but appropriate metal knapsack sprayers are satisfactory. The user must ensure that the spray equipment employed is suitable for the purpose. HATCRETE® Clear Sealer may also be applied by brush or roller, although this may result in a less uniform finish and lower coverage rates.

During application, care should be taken to protect adjacent areas and equipment from overspray. The surface should be sectioned off to allow for accurate and easy coverage. HATCRETE® Clear Sealer should be applied in two THIN, uniform coats. A wet edge should be maintained, but HATCRETE® Clear Sealer should not be allowed to puddle.

The second coat can be applied once the first coat has fully dried, normally 8 to 24 hours after application depending on the ambient conditions. Care must be taken to protect the surface from water and all other contaminants during the drying and curing period. Under normal conditions HATCRETE® Clear Sealer will be touch dry in 2 to 4 hours and may be lightly trafficked 24 hours after application of the second coat. Checks should be made to ensure the whole floor area is completely dry beforehand.

HATCRETE® Clear Sealer is also ideal for application to mature concrete surfaces provided they are sound, clean and have no free surface water. One coat is sufficient as a dust proof coating.

The surface must not be covered during or immediately after application of HATCRETE® Clear Sealer. Ideally, the final finish coat of HATCRETE® Clear Sealer should be applied immediately before hand over.



CERTIFICATE NO. FM 27153

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## MAINTENANCE

Further maintenance coats of HATCRETE® Clear Sealer can be applied periodically. It is not necessary to strip the existing HATCRETE®

Clear Sealer unless build up of the coating thickness is a problem or the surface is severely marked. The surface should be thoroughly cleaned and dry prior to application. Failure to do this may result in poor adhesion, blemishes and reduced durability. HATCRETE® Clear Sealer should not be applied over other brands of sealing or curing compounds as compatibility cannot be guaranteed.

## EQUIPMENT CLEANING

All equipment should be cleaned thoroughly using a suitable solvent (xylene, cellulose thinners or similar). Flush sprayers and backpacks liberally. Always clean equipment in a well ventilated area.

## SPECIFICATION CLAUSE

'The designated surface shall be sealed with 2 coats of HATCRETE® Clear Sealer at a rate of 6-10 square metres per litre, per coat, as supplied by Roy Hatfield Ltd, Fullerton Road, Rotherham, S60 1DL, United Kingdom. Telephone: ++ 44 1709 820 855, Fax: ++ 44 1709 374 062. The sealer should be applied by airless sprayer and all work should be carried out in accordance with the supplier's current Technical Data Sheet TD13. The manufacturer shall be a BSI registered company with accreditation to BS EN ISO 9002'.

## HEALTH AND SAFETY

As with all chemical products care must be taken when handling and in use.

Before using HATCRETE® Clear Sealer, read Safety Data Sheet SD13 available from Roy Hatfield Ltd.

Keep away from children and animals.

**Hatfield's quality system is approved by the BSI and conforms to BS EN ISO 9002.**

## LOCAL SUPPLIER

Information and advice, whether verbal or in writing, are compiled with all reasonable care and given in good faith but without warranty. Hatfield cannot accept any liability, either directly or indirectly, arising from the use of its products as it has no control over where or how the products are used. It is the customer's responsibility to determine that the product is suitable for the intended use.

All goods are sold subject to our standard terms and conditions.