



HATCRETE Hyseal

A clear, water based acrylic resin sealer.

C1/SfB

TECHNICAL DATA

TD17

DESCRIPTION

HATCRETE® Hyseal is a water based, transparent, acrylic resin polymer latex. It is an extremely hard wearing, penetrating, sealing agent designed for application to coloured and uncoloured concrete surfaces, bricks and pavements. HATCRETE® Hyseal reduces surface dusting and enhances and protects the appearance of concrete surfaces, bricks and pavements.

MAIN FEATURES

- Seals and protects concrete.
- Reduces surface dusting.
- Packaged in 25 litre polythene containers.
- Non-yellowing and weather resistant.
- Environmentally friendly, water based emulsion.
- Easy clean of equipment.

COVERAGE

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

PACKAGING

HATCRETE® Hyseal is supplied in 25 litre polythene containers.

AVAILABILITY

HATCRETE® Hyseal is normally available ex-stock.

STORAGE

In keeping with most water based materials, HATCRETE® Hyseal should be protected from freezing. If the product becomes frozen, it should be discarded, even if it has thawed. Always store in the original container.

APPLICATION

HATCRETE® Hyseal should be applied to newly placed 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®

Hyseal 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. It should not be applied in temperatures below 7°C and should not be subjected to extreme temperatures until completely dry.

Application should ideally be by an airless sprayer but appropriate knapsack sprayers are satisfactory. The user must ensure that the spray equipment employed is suitable for the purpose. HATCRETE® Hyseal 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® Hyseal should be applied in two THIN, uniform coats. A wet edge should be maintained, but HATCRETE® Hyseal should not be allowed to puddle. If HATCRETE® Hyseal is applied too heavily, allowed to puddle, applied to badly prepared surfaces or is unable to dry properly, the coating may fail in use. As a result, it may become sensitive to water, exhibit poor adhesion or whiten and soften.

Two coats are recommended. The second coat can be applied once the first coat has fully dried. This is normally 2 to 24 hours depending on the ambient conditions. Application should be by the same method but, if possible at a 90° angle to the first coat. For optimum appearance, the second coat should be applied immediately prior to hand over of the project.

HATCRETE® Hyseal is also ideal for application to mature concrete surfaces provided they are clean and have no free surface water.

Under normal conditions, HATCRETE® Hyseal will be touch dry in 2 to 4 hours and may be trafficked 24 hours after application of the second coat, providing the sealer is completely dry. Care must be taken to protect the surface from water and all other contaminants during the drying period.

The surface must not be covered during or immediately after application of HATCRETE® Hyseal. If protection from other trades is essential, non-staining kraft paper may be used but must be removed every night.

MAINTENANCE

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

EQUIPMENT CLEANING

All equipment should be cleaned thoroughly using clean water. Flush sprayers and backpacks liberally.



CERTIFICATE NO. FM 27153

**MANUFACTURED BY:
ROY HATFIELD LTD**

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SPECIFICATION CLAUSE

All designated surfaces shall be sealed with 2 coats of HATCRETE® Hyseal manufactured and supplied by Roy Hatfield Ltd, Fullerton Road, Rotherham, S60 1DL. United Kingdom. Telephone ++ 44 1709 820 855, Fax: ++ 44 1709 374 062. HATCRETE® Hyseal should be applied by airless sprayer at a rate of 6 -10 m² per litre, per coat. The manufacturer's current technical data sheet TD17 must be referred to for full instructions before using this product. 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® Hyseal read Safety Data Sheet SD17 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.