



# HATCRETE

## Tekstain

A permanent stain used to colour new or existing concrete.

C1/SfB

TECHNICAL DATA

TD18

COLOUR TECHNOLOGY FOR CONCRETE

### DESCRIPTION

HATCRETE® Tekstain is a penetrating solution of metallic salts used to colour new or existing concrete. The product reacts with the concrete to produce insoluble, abrasion resistant colour deposits, which will not chip, crack or peel.

HATCRETE® Tekstain is a permanent stain, not a coating. Colour variations which occur in stone or other naturally occurring materials can be successfully and permanently emulated. It is normal for the colour of the stained surface to vary in shade which will substantially enhance the appearance of ordinary grey concrete.

### MAIN FEATURES

- Simple cost effective way to colour concrete surfaces.
- Available in 8 permanent colours.
- Enhances the appearance of old concrete.
- Will not chip, crack or peel.
- Can be applied equally effectively to vertical and horizontal surfaces.
- Quality assured to BS EN ISO 9002.
- Packaged in 10 and 25 litre polythene containers.

### COVERAGE

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

### PACKAGING

HATCRETE® Tekstain is supplied in 10 and 25 litre polythene containers.

### AVAILABILITY

HATCRETE® Tekstain is normally available ex-stock.

### STORAGE

HATCRETE® Tekstain should always be stored in a cool, well ventilated environment. It should not be allowed to freeze. Any product which has been frozen should be discarded.

### APPLICATION

Before using HATCRETE® Tekstain, an on site sample of the proposed finish should be made to determine the final effect.

For optimum results, HATCRETE® Tekstain should be applied to concrete that is at least one month old. It may be applied to fresh concrete which will produce brighter versions of the chosen colour. The surface to be stained should be dry and free from alkali spots, plaster, paint, grease, oil or anything which could prevent HATCRETE® Tekstain penetrating the concrete. Concrete that has been previously sealed or has had a curing membrane applied will not accept HATCRETE® Tekstain successfully. Any coatings must be thoroughly removed before application.

Transfer the required amount of stain into a suitable tough plastic container large enough to take a brush. Care should be taken to avoid spills as this will leave a permanent, coloured, acid etched mark.

The stain should be applied to the concrete by brush in a circular motion. A reaction will take place which will cause the concrete to effervesce. Keep brushing the area until the effervescing ceases. Avoid puddling the stain to ensure even coverage.

Each new area should be overlapped with the area previously treated to avoid lap marks.

Do not let the edges dry prematurely before all the staining is complete. Brush out any marks or irregularities so that the concrete stain dries as evenly as possible. HATCRETE® Tekstain is designed to vary in shade and may not produce a consistent colour. The final colour will not be apparent immediately and the surface should be left a minimum of one hour before any subsequent applications are made to achieve the desired effect.

To obtain an aged or antiqued appearance or to emulate the subtle colour variations which occur in stone, different coloured stains can be applied to the same surface by running one on top of another. Other effects can be achieved by using stain on coloured or white concrete. It is useful to make an on site trial sample panel and experiment until the desired effect is achieved.

On vertical surfaces the stain may be applied with acid resistant spray equipment. Start at the bottom and work upwards taking care to avoid excessive rundown. Care must be taken to avoid run off onto areas where stain is not intended, especially floors adjacent to or underneath the place of work. All such areas should be carefully masked off and protected prior to commencement of staining.

When the first coat has dried or at least 8 hours have elapsed, a second coat may be applied in the same manner as the first, using the same brushing technique. Additional coats may be required on weathered concrete. When the second coat has dried, clean water should be brushed over the surface to remove residue and salts.



CERTIFICATE NO. FM 27153

MANUFACTURED BY:  
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Scrubbing should continue until the water runs clear. If water washings are allowed to come into contact with concrete or other lime salt containing materials, permanent staining may result. Take care that the residues do not come into contact with surrounding areas or plants, as damage may occur.

Do not allow the product or washings to enter the water course or drains.

For additional surface protection and enhancement of colour stained concrete, HATCRETE® Clear Sealer should be applied to the stained concrete when it is completely dry. This should be a minimum of 24 hours but will be dependant on atmospheric conditions. In climates where a water based system is more appropriate or the specification demands, HATCRETE® Hyseal should be considered. See appropriate data sheets for further information.

Colour stained concrete which becomes worn due to heavy traffic can be cleaned and given further coats of HATCRETE® Tekstain. If stained concrete has been treated with any HATCRETE® sealer the coating must be removed completely before restaining.

### EQUIPMENT CLEANING

All equipment should be thoroughly washed down with clean water.

### HEALTH & SAFETY PRECAUTIONS

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

Before using HATCRETE® Tekstain read Safety Data Sheet SD18.

Keep away from children and animals.

### SHORT FORM SPECIFICATION

All concrete flatwork designated as stained concrete shall be stained with HATCRETE® Tekstain in ..... colour, manufactured and supplied by Roy Hatfield Ltd. Fullerton Road, Rotherham S60 1DL United Kingdom. Telephone: ++ 44 1709 820 855, Fax: ++ 44 374 062. Two coats of the stain shall be applied in accordance with the manufacturer's Technical Data Sheet TD18. All designated stained concrete should be sealed with HATCRETE® Clear Sealer\HATCRETE® Hyseal (delete where appropriate) in two coats in accordance with the manufacturer's Technical Data Sheet TD13\TD17 (delete where appropriate). The manufacturer shall be a BSI registered company with accreditation to BS EN ISO 9002.

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



<b>LOCAL SUPPLIER</b>
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