

# CreteStain

March 2010

**Description**

An acid-based mixture containing special chemicals which combine with the cement/concrete and colour the surface.

**Purpose**

For permanently staining and colouring concrete.

**Types**

Supplied in one type only.

**Colours**

A variety of earthy colours, including blue and green.

**Applications**

Suitable for permanently staining concrete floors, water features, off-shutter concrete or any previously untreated cement-based article.

**Advantages**

Permanently stains the surface. Cannot peel or flake.

**Disadvantages**

Does not react with clay bricks unless over-coated with a cement plaster. Must be in contact with the cement/concrete to be effective.

**Specimen finish**

A trial area should be treated on-site for the architect's approval and to serve as a specimen to which the contractor should work.

**Site Work****Storage**

In unopened containers shelf-life is at least 24 months.

**Surface preparation**

Surfaces should not have been previously painted. They should be firm and free from loose material, mould, oil or grease. Organic growths should be removed by brushing with a solution of 1 volume household bleach (sodium hyperchloride) and 3 volumes water. Allow 12 hours to kill spores and then remove with a wire brush and flush with water. Allow the surface to dry before applying Cretestain.

Extremely dense, steel or power floated floors may require a light sanding prior to application of Cretestain to make them penetrable.

**Safety Warning**

Contains dilute hydrochloric acid. Treat with caution. Store away from heat and direct sunlight. Safety clothing should be used.

**Mixing**

Cretestain can be diluted with water if lighter shading is required. Do not dilute black.

**Application**

Apply with an acid-resistant paintbrush, spray canister, etc. ensuring that adjacent areas are protected from over-spray and spills. Avoid splashes, puddles and dry joints by maintaining a wet edge and applying continuously between architectural features. Using an acid-resistant brush, scrub the Cretestain into the surface once it has been applied. Vertical applications are to be started at the bottom, commencing upwards whilst avoiding excessive run-down. All reacted residue must be removed by flushing thoroughly with water after a minimum of 4 hours. Subsequent treatments may be necessary to achieve the desired depth of colour or special effects. Newly placed concrete must be cured for at least 14 days prior to application of Cretestain.

**Sealing**

Once dry, surfaces should be sealed with 2 coats of Colour Hardener Sealer in accordance with its data sheet.

**Coverage**

Brush application - approximately 8m<sup>2</sup>/litre/coat, depending on suction and texture of surface. A sample area should be done to confirm colour and coverage.

**Packaging**

Available in 125ml, 1 litre and 25 litre non-returnable containers.

**Technical Information**

Cemcrete provides a free comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology.

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