

## C.C.I.-100 Colour Hardener

For use on exterior or interior floors, Concreation Colour Hardener is an easy to use, dry shake, used on newly poured concrete floors. For all types of concrete floor applications - municipal, commercial, residential, Concreation Colour Hardener offers additional strength to the complete installation, protecting the surface from damage and wear while providing an attractive concrete floor. Concreation Colour Hardener are available in 24 standard colours and custom colours.

Specially made Concreation Colour Hardener is designed to be worked in the surface of newly placed concrete. Concreation colour hardener provides a streak free, consistent colour throughout the installation. Hardscapes or exterior, Concreation Colour Hardener is a durable colouring method. Time tested for over twelve years, Concreation Colour Hardener is resistant to freeze-thaw cycles. A mix of Concreation Colour Hardener and water may be used as a plaster for vertical applications such as curbing and risers, to match hardscapes or interior floors. Concreation Colour Hardener is commonly used in the impressed concrete industry to achieve the look of natural stone. Concreation Colour Hardener provides a dense, easy to work surface allowing various stamping tools to create a distinguished and detailed finish. All of the impressed finishes are completed using Concreation Release Agent (CCI -300) and a final finish using Concreation Acrylic Sealer (CCI-1000).

### **Limitations:**

Coverage rates provided in 6. Are critical in the application of Concreation Colour Hardener. If not applied properly, the desired outcome will not be achieved. Possible areas of the concrete substrate may appear. In addition, abrasion resistance on finished surface could be compromised. Concreation Colour Hardener is not recommended for a large amount of vertical concrete application. However small vertical areas can be covered by mixing Concreation Colour Hardener with water. Fluosilicate type chemical hardeners should not be used. Non-reactive aggregates (fine and coarse) must be used in the concrete substrate.

### **Composition and Material:**

Concreation Colour Hardener is a cementitious based product containing hard aggregates to achieve maximum strength. Concreation Colour Hardener is a streak free formulation, designed for use on freshly placed concrete substrates.

## **Finishes:**

Concreation Canada Inc. recommends finishes such as broom, spin float and imprinted when using Concreation Colour Hardener. Light sandblasted finishes are recommended for additional abrasion resistance.

## **Packaging:**

Concreation Colour Hardener is available in 55 lb. bags.

## **Coverage:**

Coverage may vary according to the intended use and the type of colour. Concreation Colour Hardener should never be applied at a coverage rate less than 55 pounds (1 bag) per 100 square feet. Heavier amounts of Concreation Colour Hardener should be applied for commercial applications or when light sandblasting is required.

## **Curing:**

Until completely cured, the colour of concrete is normally less uniform and appears darker than the final colour. Use of Concreation Acrylic Sealer (CCI-1000) will properly cure colour-hardened concrete, enhance the depth of colour, improve colour uniformity and provide surface protection. Once thin coat of Concreation Acrylic Sealer should be applied by sprayer at an approximate coverage rate of 1200 sq. feet with a five gallon pail.

## **Shelf Life:**

Concreation Canada Inc. advises that product should be used within 6 months from the purchase date. Also, Last In-First Out method should be used with inventories.

**Cautions:**

**WARNING! IRRITATING TO EYES AND SKIN! DO NOT BREATHE DUST. MAY CAUSE DELAYED LUNG INJURY (SILICOSIS). CONTAINS CEMENT AND SILICA (QUARTZ). Use with adequate ventilation. Wet cement may cause alkali burns. Dustmask (MSHA approved) safety goggles and gloves are recommended.**

**KEEP OUT OF REACH OF CHILDREN!** Before using or handling, read Material Safety Data Sheets. Wash exposed skin immediately after handling.

**FIRST AID:**

**EYES - DO NOT RUB EYES.** Immediately flush thoroughly with water.

**SKIN** - Wash thoroughly with soap and water. Remove soiled clothing.

**INHALATION** - Move to fresh air immediately. If symptoms persist or develop, or it is ingested, seek medical attention.

**DO NOT TAKE INTERNALLY.**