## **COLOR HARDENER AND RELEASE POWDER COLORS**

## When Ordering Use: CH-## For Colored Hardener or RA-## For Release Powder



### **BREAKTHROUGH IN COLOR TECHNOLOGY**

Introducing Concretech's breakthrough in color technology for cementatious materials. Concretech has developed and released its innovative method for coloring concrete. Now you can easily color any type of concrete, from slab on grade to retaining walls to roof tile, just use our proprietary color creation system on the Internet. You can find it at www.concretech.com. This proprietary tool will enable you to create any color you desire and it will produce the exact measurements in units required to obtain the desired color. Our innovations in coloring concrete reduce the inventory you need to carry. If you have any questions on this breakthrough in colored concrete call 1-877-952-0157 from anywhere in North America.



# **Powder Release Agent**

**Colored Stamp Mat Release** 

#### PRODUCT DESCRIPTION

Concretech Release Agent is a dry shake material formulated to facilitate the use and release of stamp tools for imprinting during the plastic stage set of concrete. Concretech Release Agents are blended; UV stable, high quality synthetic pigments, micronized aggregates, hydrophobic materials and admixtures providing easy release of imprint tools and rich accent colors. Concretech Release Agents increase imprint tool life and reduce imprinting labor.

#### **TECHNICAL DATA**

**Appearance**: 28 standard colors

Yield: approximately 800 sq ft per pail
Shelf Life: Shelf life under normal condition

Shelf Life: Shelf life under normal conditions is one year. Release Agent that has been exposed to moisture for extended

exposed to moisture for extended periods should be discarded. Store in sealed containers, with the lid tight and

in an upright position.

#### **USES**

For use on all interior and exterior stamped concrete, imprinted horizontal and vertical surfaces.

#### **BENEFITS**

Allows the contractor or designer to apply additional color to concrete at the imprint stage to simulate the look of natural rock. Releases mats from fresh concrete.

#### **PREPARATIONS**

Refer to Concretech Architectural Specifications for installation procedures.

#### **LIMITATIONS**

Protect all surfaces that are not intended to receive Release Agent. Take caution when using during windy conditions or where rapid air movement exists. Use a commercial grade detergent to facilitate the removal in unwanted areas. Never leave excess residue of Release Agent on a substrate that is to be covered with concrete or other surface finishes

#### **PACKAGING**

Concretech Release Agents are available in 30lb (13.63Kg) pails and a wide assortment of colors.

#### INSTALATION INSTRUCTIONS

Upon completing final troweling of integral colored or color hardened concrete, apply a light even coat of Concretech Release Agent over the area to be imprinted.

in one or more broadcasts. Use "hand" or dry calcimine brush broadcast method, applying evenly and consistently. It is generally recommended that the Release Agent is a complimentary contrasting color, usually darker than the concrete. Recommended application rate is 30lbs per 800 sq ft. Never trowel Release Agent into surface, as this will cause discoloration and reduce concrete strength. Do not add water to surface while imprinting over Release Agent In some instances Release Agent may be used in conjunction with liquid release. Contractors should test this method and perfect their techniques before attempting installation.

Allow bleed water to dissipate before broadcasting Release Agent on surface. Release Agent shall be applied

#### Cleaning

Once concrete has set, remove excess release powder with soft bristle broom or vacuum or in some instances hose off with clean water. Take care not to damage the surface before concrete has reached final set. After the concrete has reached initial cure, wash the surface, scrubbing with broom and commercial degreaser. Surface is sufficiently clean when water on the surface no longer beads. In general it is desirable to leave release color representing 10% to 30% of the final color.

#### Finishing

All colored and imprinted concrete surfaces shall have a sealer or water repellant coating applied to protect the finish from moisture and oxidization. Apply Concretech Cure and Seal (CS 15) as soon as possible. Follow up with Concretech High Solids Sealer (CS 25 or CS 30) after 28 days. Follow Concretech technical bulletins for applied product.

#### **SAFETY PRECAUTIONS**

**Caution -** Wear protective clothing, rubber gloves, eye protection and respirator. Keep away from children.

First Aid -Flush contaminated areas immediately and seek medical attention. Wash hands with soap and water. Remove contaminated clothing. Flush eyes with clean water or eye wash solution. In all cases seek immediate medical attention.



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Warranty

Concrete Chemical Technologies Inc.'s sole warranty is that our products have been manufactured to meet with our written specifications. The information herein is general information to assist our customers in determining whether our products are suitable for their applications. Our products are intended for sale to commercial and industrial customers. We require customers to inspect and test our products before use and to satisfy themselves as to contents, suitability and applications. Nothing herein shall constitute any other warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose, nor is any protection from any law or patent inferred. All patent and trademark rights are reserved. The exclusive remedy for all proven claims is placement of our materials and in no event shall we be liable for incidental or consequential damages.