

CONCRETECH

Color Hardener

PRODUCT DESCRIPTION

Concretech Color Hardener is a dry shake material formulated to color "poured in place" concrete. Color Hardener is designed for architectural flat work and stamped concrete surfaces. Concretech Color Hardeners are blended, UV stable, high quality synthetic pigments, portland cements, hard surface aggregates and admixtures, providing permanent long wearing surfaces for vehicle and foot traffic. Concretech Color Hardeners increase abrasion resistance, increase surface strengths and reduce scaling. Concretech Color Hardener is available in 27.27KG (60lbs) pails and 22.7 kg. (50lbs.) bags

USES

For use on all interior and exterior concrete, stamped concrete, colored and flat work concrete.

PACKAGING

Concretech Color Hardeners are packaged in 27.27 kg (60lbs) pails and 22.7 kg (50lbs) bags. 25 standard colors. Custom colors available upon request.

LIMITATIONS

Do not apply when temperature is below 4°C (38°F) or above 43°C (110°F). Take caution when using during windy conditions or where rapid air movement exists. Do not apply when rain or inclement weather is anticipated in the first 24 hours after application. Surface must be dry before applying any sealer.

INSTALLATION INSTRUCTIONS

Place at least 4" depth concrete of a mix design suitable for stamped concrete not to exceed a 5" slump. Scream in two directions providing a consistent and uniform surface. Allow bleed water to dissipate before broadcasting Color Hardener on surface. Color Hardener shall be applied in two broadcasts. Use "hand broadcast" method applying evenly and consistently. On the first broadcast apply 75% of specified amount and bull float in. On the second broadcast apply the remaining 25% of specified amount and bull float, fressno or trowel in to uniform and even finish. Recommended application rate is 27.27KG (60lbs) per 100 sq ft. Troweling to prevent discoloration and color inconsistency. Do not add water to surface while troweling in Color Hardener. Do not use admixtures containing chloride with Color Hardener. Color Hardener may be mixed with Polytop liquid for use on vertical surfaces such as stair risers. All color hardened concrete surfaces shall have a

sealer or water repellent 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 the applied product.

STORAGE AND HANDLING

Store in cool dry area out of direct sunlight. Shelf life under normal conditions is one year. Store in sealed containers. Color Hardener that has been exposed to moisture for prolonged periods should be discarded.

PROPERTIES

Colors	25 Standard Colors plus custom colors available
Cure time	12 Hours @ 21°C (70°F)

SAFETY PRECAUTIONS

Caution - Contains Portland cement. Wear protective clothing, rubber gloves, eye protection and dust respirator mask. Prolonged exposure may result in respiratory illness. Keep away from children.

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

TECHNICAL SERVICES

Complete technical information is available from Concretech Inc. and its authorized applicators and distributors. In house laboratory testing is available for specialty applications. Technical services available in North America call toll free 1.888.503.6780

Concretech 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 replacement of our materials and in no event shall we be liable for incidental or consequential damages.

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