

STARSEAL® COLOR CURE

COLOR MATCHED CURING COMPOUND FOR FRESH CONCRETE

DESCRIPTION

STARSEAL COLOR CURE part of Vexcon's concrete coloring system is a single component ready to use exterior curing material for freshly placed colored concrete. The product is ideal where a uniform color appearance is desired while allowing the concrete to reach its maximum long term strength and abrasion resistance.

StarSeal Color Cure is low in VOCs and meets all applicable industry standards for curing newly placed concrete.

BENEFITS

- Provides for complete development of concrete's wear resistance and strength properties
- StarSeal Color Cure can be matched to almost any color
- Surface remains protected during construction
- Quick drying
- Prevents efflorescence, dusting and spalling
- Ideal method for curing over other methods which can cause discoloration and mottling of the surface

SHORT SPECIFICATION

[03 39 23.13] [09 93 00]: Low VOC 100% resin based curing compound in the color. VOC content less than 280 grams/liter. Meets or exceeds ASTM C 309, Type 1, Class A & B, AASHTO M-148, Type 1. Manufactured by Vexcon Chemicals.

SPECIFICATIONS/COMPLIANCE

- Meets USEPA and OTC AIM VOC regulations
- StarSeal Color Cure meets the requirements of ASTM C-309, Type 1, Class A&B and AASHTO M-148
- VOC Content: 278 g/liter or 2.32 #/gal-Concrete Curing Compound
- CSI reference: 03 39 23.13, 09 93 00

SPECIAL NOTES

- Can apply to 40°F.
- Keep from freezing
- Exterior use only
- Mechanically mix well before each use. Hand mixing is not sufficient.
- Color is matched to concrete after curing has occurred.
- For use by experienced applicators
- Shelf life: If properly stored in its original sealed container, two years from date of manufacture. Rotate your stock.
- For long term color retention and wear resistance use **Certi-Vex®** or **StarSeal®** Concrete Stains.
- Proper application of Vexcon material is the responsibility of the installer or user. Telephone consultation and/or field visits by Vexcon personnel are for the sole purpose of making technical recommendations only, and not for providing quality control or supervision on location.

TOPCOATS AND ADHESIVES

- StarSeal Color Cure is a temporary dissipating membrane that will slowly flake off after exposure to UV, weathering and/or construction traffic.
- Topcoats and adhesives are not recommended for use over StarSeal Color Cure unless the entire surface area is free of residue.
- Residue should be removed by wire brushing or by using **Certi-Vex® Concrete Stripper**. For alternative methods of removal, contact Vexcon directly.

APPLICATION

- Prior to full application, perform a representative job site sample to determine surface preparation, application techniques and approval of color.
- Apply as soon as possible after concrete receives final finishing, just as the water sheen disappears. If application is delayed concrete must be kept wet, preferably by water spray mist, until the product is applied.
- Do not add thinner as product is supplied at the proper consistency for spraying. Dilution will reduce curing efficiency.
- Thoroughly mix by air and mechanical methods before use to ensure best results and ease of application.
- Evenly apply by brush, roller or sprayer; however, application by sprayer is preferred.
- Apply at 200 sq.ft. /gal. (7.5 m²/L) or less depending on method of application and specification requirements.

MIXING INSTRUCTIONS

- Mix selected color tint pack well before adding to tint base
- Mix tint base well before adding tint.
- Add tint color to base according to color loading instructions.
- Mix combined material thoroughly with a drill equipped with a jiffy mixer at slow speed. Do not hand mix material. Mix until a uniform consistency and streak free color is reached. Care should be taken to not over mix the material as this may trap air into the material.
- After combining materials, if different containers are used these should be boxed mixed to minimize the possibility of color variation.

COLOR LOADING INSTRUCTIONS

Note: See StarSeal Color Tint Data Sheet # OP108 for loading, tint base and color pack selection instructions.

Three easy steps:

1. Choose color. (See our Concrete Coloring System brochure)
2. Choose correct tint base according to color selected
3. Add correct load amount of color tint A or tint B to the correct tint base material.

Important Note: Loading amounts are based on five gallons of finished tint base material. Mixing of smaller amounts is not recommended.

Important Note: Color packs can be reused but must be tightly sealed and stored in climate controlled area.

VITAL STATISTICS

- Flash Point: >200° F (96° C)
- Boiling Point: 212° F (100° C)
- Autoignition Temp: ND
- Extinguishing Media: Foam, Dry chemical,CO2, Water Fog

HEALTH AND SAFETY

- Use only with adequate ventilation
- Use of gloves, goggles and other protective clothing is advised when using this product
- If swallowed, do not induce vomiting
VEXCON MSDS #CC 300 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using product, it is advisable to obtain a copy of the MSDS, from your distributor or by contacting Vexcon.

CONTACT US @

Additional product information, technical assistance and customer services are available by contacting Vexcon Chemicals directly or our distributors.

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- customerservice@vexcon.com
- sales@vexcon.com
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WARRANTY

Vexcon warrants that the goods supplied hereunder shall be of its standard quality and shall conform in all material respects to the sample which has been made available for testing by buyer prior to sale. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY IS ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OR NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR ANY OTHER TORT. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, REAPPLICATION, DOWN TIMES, CLEANUP, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE OR FOR ANY LOSS OF PROFITS OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES. No person is authorized by Vexcon to assume for it any other liability of any kind in connection with the sale or use of products manufactured and sold by it, and there are no oral agreements or warranties collateral to or affecting any sale or use. All of the foregoing arises under the substantive law of Pennsylvania without regard to principles of conflicts of laws.