

C² CURE

C² Cure improves hydration of newly placed, smooth, steel trowel-finished concrete. This combination of high-performance lithium-silicate hardener/densifier with a temporary organic film also improves abrasion-resistance, reduces surface dusting and reduces staining and color variations common to other curing methods.

Developed for standard grey or integrally colored concrete, C² Cure helps protect newly placed concrete. C² Cure applies easily with pump-up sprayers and dries in about 60 minutes.

Concrete treated with C² Cure can be cleaned with C² Degrease or C² Maintenance to remove the temporary curing film before final hardening and/or protection with the appropriate Crete Colors products.

ADVANTAGES

- Meets the moisture retention requirements of ASTM C309.
- Easy to apply. Fast drying.
- Retards water loss from newly placed concrete surfaces.
- Enhances the ultimate performance, surface sheen, and surface hardness of floors later treated with C² Super Hard, C² Hard or C² Hard Blend.
- Non-flammable. Non-toxic. Low odor.
- After removal, compatible with later application of Crete Colors protective treatments and coatings.

LIMITATIONS

- For use on smooth, steel trowel finished concrete only.
- Not intended to be used as final protective treatment or coating.

TYPICAL TECHNICAL DATA

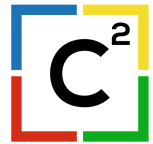
FORM	White, opaque liquid
SPECIFIC GRAVITY	1.07
pH	11.4
WT/GAL	8.9 lbs
ACTIVE CONTENT	13%
TOTAL SOLIDS	13%
FLASH POINT	>100° C (>212° F) ASTM D3278 (mixed)
FREEZE POINT	0° C (32° F) (mixed)
SHELF LIFE	1 year in tightly sealed, unopened container

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

24-Hour Emergency Information:

INFOTRAC at +1-352-323-3500



PREPARATION

Protect people, vehicles, property, plants and all surfaces not set for coating from product, splash and wind drift. Use polyethylene or other proven protective material.

Do not apply to surfaces which have standing water.

Minimize potential for tracking and dusting of the hardened surface by applying C² Cure after finishing, and before cutting the control joints.

If installing C² Cure after cutting the control joints, remove dust and debris from the surface and from the joints before application.

Concrete should be clean, free of standing water, and absorbent before application.

Surface & Air Temperatures

Temperatures for application should be 4–38°C (40–100°F). DO NOT install if rain is forecasted during time allotted for installation.

Equipment

Preferred method of application is with low-pressure (<50 psi), pump type spray equipment. Adjust tip to prevent atomization during application.

Storage & Handling

Published shelf life assumes upright storage of factory-sealed containers in a cool, dry place. Store product between 15 and 32°C (60 and 90°F). Have material at room temperature before using. Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

Packaging

20L or 200L Containers

APPLICATION

Read “Preparation” and the Safety Data Sheet before use.

ALWAYS TEST a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Pre-testing will confirm suitability of surface preparation and application procedures proposed for general application, and will also determine the average coverage rates to be maintained over the entire project.

Dilution & Mixing

Do not dilute or alter. Use as supplied. Mix well before use.

Typical Coverage Rates

Coverage varies based on substrate porosity and texture. Always test. Typical application rate:

- 5 – 15 m²/L
- 200–600 ft²/ US gal

Calculating Project-Specific Target Coverage Rate

1. Surface must be clean, free of standing water and absorbent.
2. Add 1 liter of C² Cure to a clean, pump-up sprayer fitted with a 0.5 gpm fan spray tip or other approved spray equipment. Coat the concrete surface thinly and evenly with no puddling. A soft bristle broom or microfiber pad may be used to spread C² Cure. Stop spreading once drying begins.
3. Measure the test area to establish the Target Coverage Rate per liter.



Application Instructions

1. Apply by spray using a clean, pump-up sprayer fitted with a 0.5 gpm fan spray tip or other approved spray equipment. Coat the surface evenly with no puddling. A soft bristle broom or microfiber pad may be used to spread C² Cure. Stop spreading once drying begins.
2. Let treated surfaces dry tack free, typically 60 minutes.
3. Soft-cut control joints when ready.
4. Limit traffic on slab for 7 days.

Implement the following Concrete Floor Protection Plan for the rest of the construction process prior to final finishing.

1. Keep slab clean at all times.
2. Sweep up grit and debris immediately. Do not use oil-based sweeping compounds.
3. Auto-scrub daily with C² Maintenance or C² Clean to remove fine dust and grime. Avoid harsh chemicals.
4. Report and remove spills immediately.
5. Do not eat or drink on the slab.
6. Remove isolated staining with the appropriate Crete Colors cleaner.
7. Get authority from project manager to operate equipment on slab. Diaper all equipment and protect the slab with an absorbent drop cloth when working on the slab.
8. Store materials and equipment, and charge equipment in designated areas only.
9. Use non-marking tires on all equipment. Inspect tires and remove embedded debris that may scratch slab.
10. Use temporary, breathable, protective coverings as needed for access. Remove coverings immediately after work is complete.

Removal

To improve color uniformity and remove the temporary curing film deposited by C² Cure, the cured slab must be cleaned thoroughly. After 28 days, auto-scrub the slab using a black stripping pad and C² Degrease diluted 1 part cleaner concentrate to 4 parts fresh water or C² Maintenance at the recommended dilution.

Curing Time

Protect treated surface from water and pedestrian traffic for at least 4-12 hours following application.

FINAL RESULTS

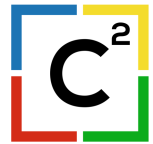
Cleanup

Clean tools and equipment immediately with fresh water. Immediately wash overspray off glass, aluminum, polished or sensitive surfaces with fresh water.

Maintenance

Sweep the floor daily with a microfiber pad or dry dust mop. Clean ALL spills as quickly as possible.

Use C² Maintenance or C² Clean for maintenance cleaning.



WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

Crete Colors International warrants this product to be free from defects. *Where permitted by law, Crete Colors makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.* The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. Crete Colors International's liability shall be limited in all events to supplying sufficient product to re-treat

the specific areas to which defective product has been applied. Acceptance and use of this product absolves Crete Colors from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability.

This warranty may not be modified or extended by representatives of Crete Colors, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Email us at sales@cretecolors.com for technical support.

Factory-trained representatives are established in countries around the world. Contact us or visit our web site at www.cretecolors.com, for the name of the Crete Colors representative in your area.