



C² Line™

Line Striping and Safety Colors for Concrete

DESCRIPTION

C² Line™ is a high-performance proprietary formulation floor coating developed for safety line striping and safety areas on industrial and commercial concrete floors. This water-based industrial concrete coating allows creating high-gloss, UV-stable, fast drying surface finish.

C² Line™ is available in seven bright standard colors: red, orange, yellow, green, blue, white and black. If desired, these colors can be intermixed to achieve the ultimate range of colors. C² Line™ it is an excellent application for new cured concrete or existing concrete. C² Line™ with solid colors will complement translucent C² Tint™ or can be applied alone on the finished concrete surface. This environmentally friendly surface coating is easy to clean and maintain.

BENEFITS

Available in 7 Standard Colors that can be intermixed to achieve the ultimate color range;

Durable under the toughest wear, traffic and maintenance-cleaning conditions. Good abrasion resistance. No primer necessary.

Compatible with all C² lithium hardeners, densifiers, sealers, tints and cleaners.

Easy to apply. Use brush or roller application. Quick drying. UV-stable colors;

Versatile. Ideal for new, cured and existing concrete polished or highly polished. Suitable for application to any cementitious surface.

Planet Safe, water based, contains no solvents, non-toxic, no smell, non-mutagenic & carcinogenic (safe in food preparation areas), non flammable, fast drying, easy to apply. No need to neutralize. Easy soap and water cleanup after application.

COMPLIANCE

Complies with all known national, state and district AIM VOC regulations: Safe for use in food and drug processing industries.

X	California Air Resources Board SCM Districts
X	Maricopa County, Arizona
X	Northeast Ozone Transport Commission
X	US Environmental Protection Agency

SPECIFICATION

Technical Data

FORM	Opaque, brightly colored floor coating
SPECIFIC GRAVITY	1.27
ACTIVE CONTENT	50%
TOTAL SOLIDS	50%
pH	8.5
WT/GAL	10.6 lbs
FLASH POINT	>100°C (212°F)
FREEZE POINT	0°C (32°F)
VOC CONTENT	<120 g/L
SHELF LIFE	1 year in unopened, factory sealed container

SURFACE

PREPARATION

Please read: SAFETY INFORMATION on the label and SURFACE PREPARATION before use and application.

Surface

Protect people, vehicles, property, plants and all nearby surfaces not to be treated from contact with the product, wind drift or overspray. Use polyethylene or other proven protective material. Mask off all surrounding areas. Always prepare a test sample to ensure that the desired color and results are achieved on the specific substrate.

C² Line™ can be applied to existing concrete that is cured and at least 28 days old. The concrete surface must be free of any material that would prohibit or obstruct the C² Line™. Any surface dust or dirt, curing or sealing compound, surface oils, coatings or paints, drywall residue, construction laitance or remains need to be removed before application. Use C² Stain Clean™ for removing deep-seated oil and grease staining.

Any loose surface patching materials need to be mechanically removed. Though surface etching is not required, sanding or nylon-grit brushing and thorough water rinsing will enhance the final appearance of treated surfaces. For best results, sand the surface with a floor sander or orbital flooring machine equipped with a 60-100 grit-sanding screen or diamond abrasive pad. If a d-limonene based cleaner/stripper is



C² Line™

Line Striping and Safety Colors for Concrete

used, neutralize treated surfaces. Rinse thoroughly with fresh water. Application may begin as soon as prepared surface is dry.

The concrete surface can be checked for dampness by placing a rubber mat on the concrete and leaving it overnight. If dampness occurs on the backside of the mat, the floor is still damp. Do not apply to surfaces, which are frozen, dirty or have standing water.

Acid-stained concrete must be thoroughly neutralized and rinsed prior to application of C² Line™.

SOLUTIONS

Remove all curing compounds and other surface contaminants using the appropriate C² surface preparation cleaner, as listed below:

C² Wash™ – Concrete laitance and construction soiling from freshly placed and cured concrete

C² Maintenance™ – General soiling and fine dust from ground/polished concrete

C² Remove™ – Curing compounds, mastics, tire marks, wax remover

C² Stain Clean™ – Oil and grease stain remover

C² Clean™ – For cleaning and degreasing light-to-heavy soiled concrete.

Equipment

Use a high quality nylon brush or short nap roller.

Air and Surface Temperature

For best results maintain consistent airflow and surface temperature during application. Air and surface temperature must be 10°C to 32°C. Do not apply when air temperatures exceed 38°C (100°F).

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured under contract for Crete Colors International, LLC and should not be viewed as a complete source of information about the product(s). The Architect should also refer to the MSDS document for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

- Test a minimum 1.5m x 1.5m (5ft. x 5ft.) area on each type of masonry.
- Use Crete Colors application instructions.
- Let the test panel dry 3 to 7 days before inspection.
- Keep test panels available for comparison throughout the project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

Manufactured under contract for:
Crete Colors International, LLC,

P.O. Box 93542, Phoenix, AZ 85070, USA.

Tel: +1-602-903-2133

E-mail: support@cretecolors.com

Product Description

C² Line™ is a durable, industrial maintenance floor coating developed for safety line striping and area-designation on heavy-use industrial and commercial floors. This high-performance, water-based formulation produces a fast drying finish. C² Line™ is available in seven bright safety colors and all colors are compatible with all C² lithium silicate hardeners and densifiers.

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

STORAGE AND HANDLING

Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory sealed container in a dry place. Maintain temperatures of 4–38°C (40–100°F). Keep from freezing. Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

Keep this and other chemicals out of the reach of children.

PACKAGING

3. 5 Liters and 20 Liters containers



C² Line™

Line Striping and Safety Colors for Concrete

Dilution

For a brush or roller application, do not dilute or alter. Use product as is.

For a spray application, up to 0.5 L of clean fresh water may be added for each 3.5 L container.

APPLICATION INSTRUCTIONS

Please read "Safety Information" on the label and "Surface Preparation" before use and application.

ALWAYS TEST

each surface for suitability and desired results before application. For best results follow "Application Instructions". Let surface dry thoroughly before inspection and final approval.

COVERAGE RATES

The coverage rate will vary with concrete quality and porosity. For better color intensity, C² recommends two applications.

Typical Coverage Rates

10m²/L

400 sqf/US Gallon

APPLICATION

1. Apply in a uniform coat at the recommended coverage rate.
2. Let the first coat dry 2-3 hours. Two coats are recommended for best appearance.
3. After the final application, protect treated surfaces from foot traffic for at least four hours.

Protect from vehicular traffic for 24 hours. These recommendations are based on air temperatures of 21 °C (70 °F) and 50% relative humidity.

CLEANUP

Clean tools and equipment with fresh water.

MAINTENANCE

Remove surface dust and debris daily by sweeping the floor with a microfiber pad or dry dust mop.

Regular cleaning will help maintain C² Line™. Maintain the floor with C² Maintenance™ or a high quality, neutral hard surface cleaner. Do not use acidic cleaners.

Though C² Line™ will provide some resistance to staining, acid concentrates and acidic foods may damage the coating. Clean up all spills quickly to minimize any potential for damage. Though protective treatments simplify maintenance of concrete floors, all spills must be cleaned up in a timely manner.

RECOMMENDATIONS

The C² recommendations for product application must be followed.

Remove loose debris and foreign materials from the area to be treated before application.

Two applications of C² Line™ achieve better color intensity than one heavy coat.

Notify all trades that the concrete surface will be the finished floor. Take extra care to avoid damage or staining of the floor during the construction process.

Sequence your application to minimize walking and tracking through the wet color hardener.

Surfaces to be treated must be clean and dry.

For best appearance, two coats are recommended. Application of two coats achieves better hide and color uniformity than one heavy coat.

Avoid air bubbles when mixing and applying C² Line™.

Acid-stained concrete must be thoroughly neutralized and rinsed prior to application of C² Super Hard™ or C² Hard™.

Maintain lithium hardened floors with C² Maintenance™. This product was developed to further enhance the long-term performance of the finished or coated concrete floor.

PLEASE NOTE: If additional protective treatments or surface coatings are desired, please consult Crete Colors International or its local representative for recommendations.



C² Line™

Line Striping and Safety Colors for Concrete

SAFETY INFORMATION

Your safety is our priority. Crete Colors International, LLC is a member of INFOTRAC'S MSDS Partnership Program.

In case of any chemical emergency related to our C² products; spill, leak, fire or accident, please contact INFOTRAC free of charge for immediate first aid information.

Online access 24/7 at:

www.infotrac.net

Phone access 24/7 at:

+1- 352-323-3500

FIRST AID

Ingestion:

DO NOT induce vomiting. Seek medical attention immediately.

Eye Contact:

Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open. Seek medical attention immediately.

Skin Contact:

Wash contacted area with soap and water. If irritation persists, seek medical attention.

Inhalation:

Remove affected person to fresh air. If breathing difficulties persist, seek medical attention.

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, and 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 International 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.

Crete Colors liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product have 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 International, its distributors or dealers.

CUSTOMER SERVICE:

For technical assistance and product information visit our web site at www.cretecolors.com or email at support@cretecolors.com

