

C² Dura Seal™

Glossy Sealer For Exterior Horizontal Concrete

DESCRIPTION

C² Dura Seal™ is a durable, non-yellowing, protective coating that dramatically increases the stain resistance of exterior concrete paving.

Ideal for steel-troweled, broomed or stamped concrete, C² Dura Seal™ enhances the appearance of standard gray, chemically stained, integrally colored and color-hardened concrete.

Use C² Dura Seal™ to protect new or existing concrete paving that is exposed to accidental spills of food or petroleum based products. It applies easily with pump-up sprayers, and dries within 60 minutes.

BENEFITS

Durable

Produces a long-lasting, tough protective shine on any exterior concrete flatwork.

Integrated

Perfect for surfaces hardened and dust proofed with C² Super Hard™ and C² Hard™. Compatible with all C² lithium hardeners, densifiers, sealers and cleaners

Illuminates

Adds depth and luster to colored concrete, including surfaces decorated with C² Color Hard™

Protective

Helps prevent problems related to water penetration of concrete

Improves Maintenance

Keeps soiling and contaminants from penetrating. Simplifies maintenance cleaning.

Slip Resistant

Treated surfaces maintain slip resistance. Slip resistance is not diminished with high gloss.

Versatile

UV stable. Will not yellow, discolor, peel or flake. May be applied to broom finished, steel troweled, or stamped concrete.

Easy to Use

Fast drying. Most floors can be opened to traffic within four hours of treatment. Easy to apply. Easy to Use.

Planet Safe

C² Dura Seal™ is water-based, non-toxic, no smell, non-flammable, complies with all known national, state and district AIM VOC regulations.

COMPLIANCE

Complies with all known national, state and district AIM VOC regulations:

X	California Air Resources Board SCM Districts
X	South Coast Air Quality Management District
X	Maricopa County, Arizona
X	Northeast Ozone Transport Commission
X	US Environmental Protection Agency

Technical Data

FORM	Milky white liquid
SPECIFIC GRAVITY	1.01
ACTIVE CONTENT	15.0%
TOTAL SOLIDS	15.0%
pH	8.4
WT/GAL	8.5 lbs
FLASH POINT	>93°C (>200°F)
FREEZE POINT	0°C (32°F)
VOC CONTENT	100 g/L maximum
SHELF LIFE	1 year in factory sealed container

Limitations

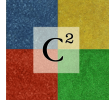
All information provided is accurate to the best of our knowledge and is to be used strictly as a guide. Handling conditions, installation and use are not in our control therefore we cannot guarantee the results.

- C² Dura Seal™ is for use on outdoor, horizontal concrete surfaces only.
- Will not compensate for structural defects. Will not repair damaged surfaces and cracks. Surfaces must be clean, repaired and in good condition before application.

For additional testing information contact Crete Colors International at: support@cretecolors.com

SURFACE PREPARATION

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



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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.

Always follow the appropriate cleaner with thorough water rinsing.

Acid-stained concrete must be thoroughly neutralized and rinsed prior to application.

Surface

Protect people, vehicles, property, plants and all nearby surfaces not to be treated from contact with the product including contact resulting from wind drift or overspray. Use polyethylene or other proven protective material to mask off all surrounding areas.

C² Dura Seal™ may be applied to new or existing concrete, cured concrete of any age. The application can begin as soon as prepared surfaces are clean and dry. Do not apply to surfaces, which are frozen, dirty or have standing water.

Surfaces must be clean, dry and structurally sound. Remove all foreign materials including bond breakers, curing agents, surface grease and oil and construction debris.

Always prepare a test sample to ensure that the desired results are achieved on the specific substrate.

Equipment

Use a low-pressure sprayer. Do not atomize.

Air and Surface Temperature

Air and surface temperature should be 4°C to 38°C (40° F to 100° F).

STORAGE AND HANDLING

Maintain temperature of 4-38 °C (40-100 °F), protect from extreme temperatures and keep from freezing.

Do not double-stack pallets. Published shelf life assumes upright storage of factory-sealed container in a cool dry place.

Do not alter or mix with other chemicals. Mix well before using and always seal container after dispensing.

Dispose of unused product and container in accordance with local regulations. Do not reuse container or remove labels.

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

PACKAGING

20L or 200L Containers

APPLICATION INSTRUCTIONS

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.

Dilution

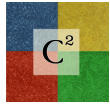
Do not dilute; apply as packaged. Use as specified. Mix well before use

COVERAGE RATES

PLEASE NOTE: Coverage rates are offered for estimating purposes only. Variations in concrete quality, porosity, job site conditions, temperature and relative humidity will affect coverage rates and drying times.

Broom Finished Concrete

- 5-10 m²/L
- 200-400 ft²/US gal



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Steel Troweled Concrete

- 10-15 m²/L
- 400-600 ft²/US gal

Drying Time

At 22°C (72° F), 40% Relative Humidity, product dry times are:

DRYNESS	TIME
To Touch	½ - 1 hour
Light Foot Traffic	4 hours
Normal Traffic	overnight
Maximum Protection	7 days

Application Instructions

C² Dura Seal™ may be applied on broomed, stamped or steel-troweled concrete. Cover surfaces uniformly, creating continuous film.

1. Use a clean pump-up sprayer fitted with a solid cone spray tip to spray-apply C² Dura Seal™ in a continuous, circular motion. Work from one control joint to another. Maintain a wet edge. Avoid overlaps onto previously treated and dried surfaces. Use a soft bristle broom to move excess material from low spots.
2. Allow to dry tack free, typically 20-60 minutes.
3. Repeat steps 1-2 above as needed. Two coats provide maximum protection and shine.

Under typical conditions, the surface is ready for light traffic within 4 hours of final application. Protect from water exposure for least 4 hours.

CLEANUP

Clean tools and equipment with fresh water before products dries. Immediately wash with fresh water over sprayed glass, aluminum, or other surfaces.

RECOMMENDATIONS

The C² recommendations for surface preparation and product application must be followed. Consult Crete Colors Int'l or its local representatives regarding applications in extreme weather conditions

All loose construction debris and foreign materials must be removed from the area to be treated using a dry broom. All curing compounds, coatings, and paint, wax, embedded soiling, rust, grease and oil must be remove before application.

Only apply C² Dura Seal™ to clean, dry and absorbent concrete. Confirm absorbency with a light water spray – surfaces to be treated should wet uniformly.

Thoroughly neutralize and rinse acid-stained concrete before applying C² Dura Seal™.

For best results, harden and dust proof concrete paving with C² Super Hard™, C² Hard™ before applying C² Dura Seal™.

Always use the appropriate C² cleaner for maintenance cleaning of concrete paving. Conventional cleaners may dull or damage concrete finishes. In hot dry conditions, pre-wet the concrete with clean water mist to cool. Apply C² Dura Seal™ once the concrete surface is dry.

MAINTENANCE

Use C² Maintenance™, our high quality, lithium based solution for cleaning and maintaining the lithium treated surfaces. This proprietary product was developed to further enhance long-term performance of the finished concrete floor.

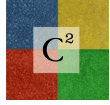
Do not use acidic cleaners to maintain treated floors. Clean up all spills quickly to minimize any possible damage. All sealers, both penetrating and coatings will only slow down the staining process. Daily removal of surface dust and debris with a microfiber pad or dry dust mop will help maintain the desired appearance. Regular maintenance cleaning will improve surface shine. To refresh gloss surface, dry buff periodically with high-speed burnisher and a white soft burnishing pad.

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



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C² Dura Seal™ is an alkaline solution. Use appropriate safety equipment and job site controls during application and handling. Read full label and MSDS for precautionary instructions before use.

FIRST AID

Ingestion:

Drink large quantities of water or milk. 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. DO NOT attempt to neutralize with chemical agents. If irritation persists, seek medical attention.

Inhalation:

Remove affected person to fresh air. Wash mouth and nasal passages with water repeatedly. 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.

site at www.cretecolors.com or email at support@cretecolors.com



CUSTOMER SERVICE:

For technical assistance and product information visit our web