C² PROTECTOR WB

C² Protector WB is a penetrating water, oil and stain repellent for every kind of finished concrete floor. Treated surfaces retain their natural color, texture, and breathability. C² Protector WB improves stain resistance and simplifies maintenance cleaning of interior and exterior, vertical and horizontal concrete surfaces.
Water-based and low-odor, this VOC-compliant protective treatment is easily applied with pump-up sprayers.

ADVANTAGES

- Resists oil and food stains, and repels water and water-related stains.
- Easy soap and water clean-up.
- Works on lithium silicate hardened/densified floors.
- Low-odor suitable for interior application to occupied buildings.
- Fast drying – reduces down time.
- Treated surfaces "breathe" – does not trap moisture.
- Treated surfaces are not slippery.
- Suitable for new, "green" concrete 7 to 10 days old.
- Appropriate for all concrete, from steel troweled to highly polished.
- Long-lasting, polymeric material suitable for interior and exterior applications.
- Re-coatable; penetrates and bonds to concrete previously treated with C² Protector WB– no stripping needed

Limitations

- Not suitable for concrete surfaces that are heavily laden with oils. Clean such surfaces before application.
- Do not buff or burnish after application. See Maintenance section on page 3.
- Will not compensate for structural defects or bridge cracks, gaps and voids.
- Not suitable for surfaces subjected to below grade water exposure.
- Will not provide UV protection to concrete flooring colored with C² Tint or C² Color Hard. C² Ultra Seal would be more appropriate.

TYPICAL TECHNICAL DATA

FORM	Cloud, odorless liquid
SPECIFIC GRAVITY	1.02
pH	8.02
WT/GAL	8.46 lbs
ACTIVE CONTENT	2.5%
TOTAL SOLIDS	2.5% ASTM D 2369
VOC CONTENT	<100 g/L
FLASH POINT	not applicable
FREEZE POINT	32° F (0° C)
SHELF LIFE	2 years in tightly sealed, unopened container

REGULATORY COMPLIANCE

VOC Compliance

C² Protector WB is compliant with the US Environmental Protection Agency's AIM VOC regulations.

Contact us at sales@cretecolors.com for compliance questions with individual country regulations.

PRODUCT DATA SHEET: C² Protector WB

SAFETY INFORMATION

This product contains a material that can cause serious lung damage or impairment if inhaled as an aerosol or fine mist. DO NOT ATOMIZE DURING APPLICATION. Do not buff or burnish after application.

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

PREPARATION

Protect people, vehicles, property, plants and all non-masonry from product, splash, fumes, residue and wind drift.

Avoid exposing passersby and building occupants to product and mists. Protect and/ or divert pedestrian and auto traffic. Ensure fresh air entry and cross ventilation during application and drying.

Thoroughly clean and rinse surfaces before applying C² Protector WB. Use the appropriate Crete Colors cleaner. Let cleaned surfaces dry thoroughly before application.

Surface & Air Temperatures

Should be at least 4°C (40°F) and expected to remain so for 4 hours after application. Surface and air temperatures should not exceed 32°C (90°F).

On warm days, apply early in the day and to shaded areas.

Equipment

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

DO NOT ATOMIZE DURING APPLICATION. This product contains a material that can cause serious lung damage or impairment if inhaled as an aerosol or fine mist.

Storage & Handling

Keep from freezing. Store in a cool, dry place. Do not alter or mix with other chemicals. Always seal container after dispensing. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperatures of 7–38° C (45–100° F). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

Packaging

5L or 20L 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.

Dilution & Mixing

Do not dilute or alter. Apply as packaged. Stir or mix well before use.

Typical Coverage Rates

Variations in concrete quality, porosity, job site conditions, temperature and relative humidity will affect coverage rates and drying times.

Estimated Coverage Rates

Porous Surfaces:

- 1– 2.5 m^2/L
- 50–100 ft^2/ US gal

Semi-Porous Surfaces:

- 2.5 – 10 m^2/L
- 100–400 ft^2/ US gal

Non-Porous Surfaces:

- 10 – 20 m^2/L
- 400–800 ft^2/ US gal

Application Instructions

Vertical Surfaces:

1. Apply uniformly using enough product to saturate the surface.
2. Brush out heavy runs or drips thoroughly for uniform coverage.
3. An additional coat can be applied after material has dried for at least 1 hour. The second coat will require less material.

Horizontal Surfaces:

1. On most surfaces, apply in a single saturating application.
2. Even out puddles with a microfiber applicator before material has a chance to fully dry.
3. If needed, an additional coat can be applied after material has dried for at least 1 hour. The second coat will require less material.

Porous Surfaces:

For optimum stain repellency on porous surfaces, apply a saturating coat and allow to dry thoroughly before applying a second saturating coat. Less material will be required on the second application. Over-application may change surface appearance.

Drying Time

Treated surfaces can be opened to traffic as soon as the surface is completely dry. Protect treated surfaces from direct water contact for 12 hours. C² Protector WB gains its oil-resistant properties in 48 hours.

Cleanup

Clean equipment immediately with soap and water. Remove over spray within 24 hours. Use mild soap and water.

Re-treatment

As with any oil and stain repellent, periodically re-treat the surface to maintain the original performance. Apply in the same manner as the original application.

Floor care and maintenance

Remove dust and debris from the floor surface daily using a microfiber cloth or a dry dust mop. Clean the floor with C2 Clean or C2 Maintenance, a cleaner with a lithium silicate conditioner.

Detailed care and maintenance instructions are available in a separate document. To request a copy, please contact the supplier at pomoc@decokoncept.pl.

WARRANTY

The information and recommendations in this document are based on research conducted by Crete Colors International and analyses performed by third parties. To the best of our knowledge, they are accurate. However, Crete Colors International does not warrant their complete accuracy, as it is impossible to account for every potential product use or anticipate variations in substrates, working conditions, or application methods.

The purchaser must conduct their own tests to confirm that the product is suitable for the intended use. Crete Colors International warrants only that the product as supplied is free from defects. To the extent permitted by law, Crete Colors International disclaims all other warranties, express or implied, including the implied warranties of merchantability and fitness for a particular purpose.

Regardless of the legal basis of the claim, the liability of Crete Colors International is limited solely to supplying enough product to recoat the surfaces to which the defective product was applied. Acceptance and use of the product release Crete Colors International from all further liability, including liability for incidental, indirect, or consequential damages, whether arising from breach of warranty, negligence, or strict liability.

No statement or action by any representative, distributor, or dealer of Crete Colors International modifies, expands, or extends this warranty. The full warranty terms are available in a separate document. To request a copy, please contact the supplier at pomoc@decokoncept.pl.

TECHNICAL SUPPORT

DECOKONCEPT provides technical services and advice on material selection, specifications, and troubleshooting, as well as information on the repair, maintenance, and protection of concrete surfaces.
Contact pomoc@decokoncept.pl.

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