C² ULTRA SEAL™

Step-by-Step Application Instructions – Interior / Exterior Applications

Before beginning, always read SDS and Product Data Sheet for complete instructions and safety information. Always prepare a test panel before proceeding.

C² Ultra Seal™ (Interior)

C² Ultra Seal™ may be applied to broomed, steel troweled, honed, polished or highly polished concrete surfaces. Always treat floors with C² Hard™ or C² Super Hard™ before C² Ultra Seal™ application.

Application

C² Ultra Seal™ On broomed, steel troweled or unpolished floors)

- Ensure concrete is open to accept C² Ultra Seal™. Use C² Degrease™ to clean concrete (see step-by-step application instructions for details). Use C² Remove™ to remove any curing compounds or acrylic membranes (see step-by-step application instructions for details). Using C² Safe Prep™ after concrete has been cleaned, will help etch and prep concrete to better accept densifier (C² Hard™ or C² Super Hard™) & later C² Ultra Seal™.
- After densification let concrete dry completely before product application.

1st Coat

PLEASE NOTE: Follow the recommended coverage rates at 10-20 m²/L per coat. Two coats are needed. C² Ultra Seal™ is not applied as thin as C² Seal™. C² Ultra Seal™ has to be applied thicker (heavier) than C² Seal™ for best chemical resistance. Do not dilute C² Ultra Seal™. Application temperature should be in 4°C - 38°C range.

- Ensure concrete is clean and free of dust and debris.
- Pre wet microfiber pad with product, leaving the pad damp.
- Spray product using a low-pressure pump-up sprayer with a fan tip. Work from one control joint to the other.

- Spread lightly with damp microfiber pad, no pressure needed. Maintain even coating and wet edge. Stop spreading once drying begins. Do not overlap spray. Using two people (one spraying and one spreading) for best results. Do not walk on wet C² Ultra Seal™
- Allow the surface to dry tack free, typically 20-60 minutes.
- For best sheen burnish between each coat with a soft white pad (do not use C² Heat™ pad).

2nd Coat

- Follow above 1st coat instructions.
- Once final burnishing is done, the surface is ready for light traffic in 1 hour.
- IMPORTANT: Must protect from liquids and moisture for 4 hours.
- C² Ultra Seal™ will be fully cured and have maximum chemical resistance after 7 days.

C² Ultra Seal™ (On ground and polished floor)

- Establish grinding starting point on old concrete (50, 70, 100 metal > 50 resin, 100 resin and 200 or 400 resin). Based on the surface condition you can only use 50 resin, 100 resin and 200 resin steps. The concrete preparation/processing should stop at 200 or 400, then densified with C² Hard™ or C² Super Hard™. Continue polishing to 800, 1500 or 3000 resin, depending on the desired surface finish and gloss level.
- Follow the above 1st & 2nd coat instructions.

C² Ultra Seal™ (Exterior)

C² Ultra Seal™ may be applied to broomed, steel troweled, or unpolished exterior concrete surfaces. Always treat floors with C² Hard™ or C² Super Hard™ before application.

Application

C² Ultra Seal™ (on broomed, steel troweled or unpolished floors)

- Ensure concrete is open to except C² Ultra Seal™. Use C² Degrease™ to clean concrete (see step-by-step application instructions for details). Use C² Remove™ to remove any curing compounds or acrylic membranes (see step-by-step application instructions for details). Using C² Safe Prep™ after concrete has been cleaned, will help etch and prep concrete to better accept densifier (C² Hard™ or C² Super Hard™) & later C² Ultra Seal™.
- After densification let concrete dry completely before product application.

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Step-by-Step Instructions: C² Ultra Seal™

1st Coat

PLEASE NOTE:

Follow the recommended coverage rates at 10-20 m²/L per coat. Two coats are needed. C² Ultra Seal™ is not applied as thin as C² Seal™. C² Ultra Seal™ has to be applied thicker (heavier) than C² Seal™ for best chemical resistance. Do not dilute C² Ultra Seal™. Application temperature should be in 4°C - 38°C range.

- Ensure concrete is clean and free of dust and debris.
- Pre wet microfiber pad with product, leaving the pad damp.
- Spray product using a low-pressure pump-up sprayer with a fan tip. Work from one control joint to the other.
- Spread lightly with damp microfiber pad, no pressure needed. Maintain even coating and wet edge. Stop spreading once drying begins. Do not overlap spray. Using two people (one spraying and one spreading) for best results. Do not walk on wet C² Ultra Seal™.
- Allow the surface to dry tack free, typically 20-60 minutes.
- For best sheen burnish between each coat with a soft white pad (do not use C² Heat™ pad).

2nd Coat

- Follow above 1st coat instructions.
- Once final burnishing is done, the surface is ready for light traffic in 1 hour.
- IMPORTANT: Must protect from liquids and moisture for 4 hours.
- C² Ultra Seal™ will be fully cured and have maximum chemical resistance after 7 days.