



# Armor CR100 Concrete Coating Remover

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For Professional Use

## PRODUCT DESCRIPTION

The Armor CR100 Concrete Coating Remover is a superior coating stripper designed to remove even the toughest coatings and paints from concrete, brick, pavers, and masonry. It is easy to use, non-flammable, and bio-degradable.

## BENEFITS/FEATURES

- ◆ Will remove acrylic sealers, urethanes, epoxies, alkyd paints, lead based paints, and latex paints from concrete, brick, pavers, and masonry
- ◆ A great alternative to mechanical stripping methods
- ◆ Can be used on interior and exterior surfaces
- ◆ Easy to use
- ◆ Non-flammable
- ◆ Bio-degradable

## SUGGESTED APPLICATIONS

### Will Remove Most:

- ◆ Acrylic Sealers
- ◆ Urethane Coatings
- ◆ Epoxy Coatings
- ◆ Alkyd, Latex, and Lead Paints

### Can Be Used On:

- ◆ Interior/Exterior Concrete
- ◆ Interior/Exterior Brick
- ◆ Interior/Exterior Pavers
- ◆ Interior/Exterior Masonry

## TECHNICAL INFORMATION

Solids.....N/A  
Drying Time.....Refer To Directions  
Re- Coat Time.....Refer To Directions  
Foot Traffic.....Refer To Directions  
Wheel Traffic.....Refer To Directions  
Application Temp.....50°F - 80°F

Wet Appearance.....Transparent Light Beige  
Dry Appearance.....Refer To Directions  
VOC Content.....0 VOC

Meets OTC, CARB & LADCO VOC restrictions.

## COVERAGE

Coverage Rate: 50-100 ft<sup>2</sup>/gallon

Coverage will vary depending on the type of coating being removed and the amount of coating build up, porosity, surface condition, application method, and the amount of material applied by the applicator. The above coverage rates are estimates and will vary. Excessive build up should be avoided.

## SHELF LIFE

When properly sealed and stored, the shelf life of the Armor CR100 is up to 1 year.

## PACKAGING

The Armor CR100 is available in a 16 OZ Sample, 1 Gallon Bottle, 5 Gallon Pail

## CONTACT

Still have questions? Contact a Foundation Armor Technician at 866-306-0246.

## APPLICATION INSTRUCTIONS

The Armor CR100 is designed for roll or airless sprayer application. If using a roller, rollers should only be used on horizontal applications, and not vertical. Airless sprayers must be chemical resistant, and have a tip size of 0.2 inches or larger (example, a 425 or 519 tip). Other equipment that may be required include brushes, rollers, scraper, masking tape, plastic sheet, high gpm and psi pressure washer, electric drill with mixer, empty pails for clean-up, running water, and rags. Personal protective equipment should also be used. Personal protective equipment includes gloves, goggles, respirators, and any other equipment you feel necessary. Be sure to cover and protect areas where stripping is not desired, including adjoining surfaces where over spray may travel. Plant life should be protected/covered during the time of application to avoid damaging them. If you are using masking tape, apply two layers of tape and remove the top layer immediately after application as the CR100 may soak through the tape and damage what's below it. While plastic sheets have shown to be an effective barrier to cover and protect areas, it is always suggest to run your own tests to ensure the plastic sheet chosen is resistant to the CR100.

### MIXING

Stir well before using. Material may separate during long term storage. DO NOT THIN!

### APPLICATION

Using a 1/2"-3/4" nap roller, or an airless sprayer, apply a thick, even layer of stripper onto the sealer, coating, or paint that is to be removed. If you are using a sprayer, always start at the lowest pressure setting, and slowly build up the pressure until the proper fan pattern has been generated. High pressure and narrow tip sizes will break the CR100's emulsion and affect it's integrity. The CR100 must be applied at approximately 2X (two times) the thickness of the material being removed. If you are applying the CR100 to a gloss or greasy vertical surface, or to a thick build sealer, coating, or paint, it is recommended to apply the CR100 via two separate applications. First, apply a light coat of approximately 12 - 15 mils (thick enough to hide the surface color of the coating you are trying to remove) and allow it to dwell for 15-30 minutes. Then, build the rest of the stripper film thickness in a second application. Scrubbing the surface with a stiff brush periodically prior to washing off the CR100 may increase penetration and the effectiveness of the stripper, especially on rough surfaces. If using a brush to agitate, make sure the underlying surface is completely covered with CR100.

When you are removing multiple layers of existing sealer, paint, or coating, it may be possible that there is inadequate inter-coat adhesion between some layers. Premature delamination may occur. If this happens, quickly remove the delaminated layers and reapply the CR100. Do not rinse with water between applications and do not allow the CR100 to dry out. The CR100 is designed to remain wet, and effective over extended periods of time (up to 24-48 hours), however, excessive or direct sunshine, wind, and insufficient thickness may cause early drying. Use plastic sheeting to cover stripper to minimize evaporation. If the stripper starts to dry, reapply a light coat and allow an extended time frame for project completion.

The time required for adequate penetration will vary depending on the type and thickness of the coating, and the temperature of the coating. Most paints and acrylic sealers require 20 minutes to 2 hours. Most 2-part coatings, such as epoxies and urethanes, require 2-36 hours. CR100 can be left overnight, but do not allow it to dry out.

### REMOVAL

When the coating is ready to be removed, you will start to notice signs. Signs could include bubbling, wrinkling, or visible delamination (lifting). To fully test if the coating is ready to be removed, agitate the surface with a stiff bristle brush. If the coating is easily lifted, it is ready to be removed.

Removal of the lifted paint can be completed by scraper, squeegee, wet/dry vacuum, or high pressure washing (above 3000 psi). The stripped surface must be rinsed with water to remove all chemical residue before resealing, repainting, or recoating. If residue still exists on the surface, reapplication of the CR100 is necessary. If reapplying, be sure the surface is allowed to completely dry at least 24 hours before applying the CR100.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area on the same concrete, brick, paver, or masonry substrate prior to a full application. Test areas help to determine project suitability, coverage rates, and application and removal techniques.

## CLEAN-UP

Use Xylene. Dispose of containers in accordance with local and federal regulations.

## PRECAUTIONS AND LIMITATIONS

- ◆ This product will not strip all sealers and coatings. You must test prior to application to verify the CR100 is appropriate for your application.
- ◆ Coverage rates depend upon many conditions including application method, surface porosity, and applicator.
- ◆ Do not thin, cut, or dilute the CR100 with any other products.
- ◆ Do not apply in direct sunlight to avoid premature drying out.
- ◆ Wear appropriate personal protective equipment when applying this product. Refer to the Safety Data Sheet prior to use.
- ◆ Properly protect and cover any areas not intended for use of the remover, including plant life.
- ◆ Prevent runoff from carrying dissolved coating/paint/sealer materials onto adjacent surfaces. Capture or properly direct rinse water to avoid redepositing removed coating/paint/sealer materials.
- ◆ All HVAC ventilation ducts should be blocked or covered prior to application so that solvent fumes released during the removal process are not distributed.
- ◆ This product is harmful if swallowed. Abide by recommended safety guidelines.
- ◆ If using a pressure washer to remove stripper/coatings, be cautious not to damage the surface. Pressure washers can damage surfaces. Follow the directions/recommendations of the pressure washer manufacturer.
- ◆ Lifted paints, sealers, and coatings should be collected and disposed of in accordance with local and federal government regulations. Do not collect and/or store removed paint, sealer, coating, and stripper waste residue in metal containers.
- ◆ On vertical surfaces, if a pressure washer is used, be sure to pressure wash from the bottom up to prevent rinse water from deactivating the stripper in the sections below.
- ◆ Do not apply water to an area being treated with the CR100 as water may deactivate the CR100 stripper.
- ◆ If using a sprayer to apply the CR100, wash out sprayer equipment with water shortly after application.
- ◆ Foundation Armor offers no guarantee, warranty or other claims to the success or results of a job or project.
- ◆ The applicator is responsible for suitability of application, and the results of the application. We suggest applying to a test area first to verify compatibility, absorption, coverage rate, and project suitability. Applicator is also responsible for ensuring product meets local VOC regulations, and any and all other regulations that may apply.
- ◆ In all cases, refer to the Safety Data Sheet prior to application for complete health and safety information. Do not swallow, avoid direct contact with skin, avoid inhalation, keep out of reach of children and pets.