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Foundation Armor CR1005GAL

Foundation Armor CR100 Sealer and Coating Stripper

Model: CR1005GAL

1. PRODUCT OVERVIEW

The Foundation Armor CR100 is a professional-grade, biodegradable, and non-flammable coating stripper designed for effective removal of various coatings from concrete, brick, pavers, and masonry surfaces. It offers an alternative to mechanical stripping methods, making it suitable for both interior and exterior applications.



Image 1.1: Foundation Armor CR100 5-gallon container.

Key Features:

- Removes acrylic sealers, urethanes, epoxies, alkyd paints, lead-based paints, and latex paints.
- Suitable for concrete, brick, pavers, and masonry.
- Biodegradable and non-flammable formulation.
- Can be applied with a roller or sprayer.
- Effective for both interior and exterior surfaces.

2. SAFETY INFORMATION

WARNING: Read all instructions and safety data sheets (SDS) before use. Failure to follow safety precautions may result in injury or property damage.

- **Personal Protective Equipment (PPE):** Always wear chemical-resistant gloves, eye protection (safety goggles or face shield), and appropriate clothing to prevent skin contact. A respirator may be necessary in poorly ventilated areas.
- **Ventilation:** Use in a well-ventilated area. If using indoors, ensure adequate airflow by opening windows

and doors, or using exhaust fans.

- **Skin and Eye Contact:** In case of contact, immediately flush affected areas with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Call a poison control center or doctor immediately.
- **Storage:** Store in a cool, dry place, away from direct sunlight and incompatible materials. Keep container tightly closed when not in use. Keep out of reach of children and pets.
- **Disposal:** Dispose of product and contaminated materials in accordance with all local, state, and federal regulations.

3. WHAT'S IN THE BOX

- Foundation Armor CR100 Acrylic Sealer Remover (5 Gallon container)

4. SETUP AND PREPARATION

4.1 Surface Preparation

1. **Clean Surface:** Ensure the surface is free of loose dirt, debris, oil, grease, and other contaminants. Pressure washing may be necessary. Allow the surface to dry completely.
2. **Protect Adjacent Areas:** Mask off any areas not intended for stripping, such as walls, plants, or metal fixtures, using plastic sheeting and painter's tape.
3. **Test Area:** Always perform a small test application in an inconspicuous area to ensure compatibility with the surface and desired results. Allow the test area to dry completely and evaluate the effectiveness of the stripper.

4.2 Required Tools and Materials (Not Included)

- Personal Protective Equipment (PPE): Chemical-resistant gloves, safety goggles/face shield, long-sleeved clothing, respirator (if needed).
- Application Tools: Roller with an extension pole, pump sprayer, or airless sprayer.
- Scrub Brushes: Stiff-bristle brushes or brooms for agitation.
- Scrapers: For removing softened coatings.
- Cleaning Equipment: Pressure washer or garden hose with a nozzle, buckets, clean water.
- Containment: Plastic sheeting, absorbent materials, sand, or kitty litter for spill control.



Image 4.1: Example of application tools like a paint tray and rollers.

5. OPERATING INSTRUCTIONS

5.1 Application

1. **Stir Product:** Thoroughly stir the CR100 before and during use to ensure uniform consistency.
2. **Apply Generously:** Apply a thick, even coat of CR100 to the surface using a roller, pump sprayer, or airless sprayer. Ensure the entire coating to be removed is saturated.



Image 5.1: Applying CR100 with a sprayer.



Image 5.2: Applying CR100 with a roller.

3. **Dwell Time:** Allow the CR100 to dwell on the surface. The required dwell time will vary depending on the type and thickness of the coating, temperature, and humidity. This can range from 30 minutes to several

hours, or even overnight for stubborn coatings. The coating should appear softened, bubbled, or lifted.



Image 5.3: Coating softening and lifting after CR100 application.

4. **Agitation:** After the appropriate dwell time, agitate the softened coating with a stiff-bristle brush or broom to help break it down further.
5. **Scraping:** Use a scraper to remove the bulk of the softened coating.

5.2 Removal and Rinsing

1. **Rinse Thoroughly:** Rinse the surface thoroughly with a pressure washer or a garden hose with a strong nozzle. Ensure all stripper residue and loosened coating particles are removed.
2. **Repeat if Necessary:** For multiple layers or extremely stubborn coatings, a second application of CR100 may be required.
3. **Neutralization (Optional):** While CR100 is biodegradable, some surfaces may benefit from a final rinse with a mild detergent solution followed by clean water to ensure complete removal of any remaining residue.



Image 5.4: Before and after treatment of a stamped concrete surface.

6. MAINTENANCE AND CLEANUP

6.1 Tool Cleanup

- Clean all application tools (rollers, sprayers, brushes) immediately after use with warm water and soap.
- Rinse thoroughly and allow to dry before storing.

6.2 Spill Cleanup

- Contain spills with absorbent materials like sand or kitty litter.
- Collect spilled material and dispose of it according to local regulations.
- Rinse the affected area with water.

6.3 Storage

- Store CR100 in its original, tightly sealed container in a cool, dry, well-ventilated area.
- Protect from freezing temperatures.

7. TROUBLESHOOTING

7.1 Incomplete Coating Removal

- **Insufficient Dwell Time:** Allow more time for the CR100 to penetrate and soften the coating.
- **Insufficient Application:** Ensure a thick, even coat was applied, fully saturating the coating.
- **Multiple Layers:** Very thick or multiple layers of coating may require a second application and longer dwell times.
- **Lack of Agitation:** Agitate the softened coating with a stiff brush to aid in breakdown and removal.

7.2 Residue Remaining After Rinsing

- **Inadequate Rinsing:** Ensure thorough rinsing with a pressure washer or strong hose.
- **Surface Porosity:** Porous surfaces may retain more residue. Consider a final rinse with a mild detergent solution.

7.3 Product Not Working

- **Incorrect Coating Type:** Verify that the coating being removed is compatible with CR100 (acrylic, urethane, epoxy, alkyd, latex, lead-based paints).
- **Temperature:** Extreme cold can reduce product effectiveness. Apply when surface and air temperatures are between 40°F (4°C) and 90°F (32°C).

8. SPECIFICATIONS

Specification	Detail
Product Name	Foundation Armor CR100 Sealer and Coating Stripper
Model Number	CR1005GAL
Product Dimensions	13 x 13 x 15 inches
Item Weight	45 Pounds
Material	Water-based
Brand	Foundation Armor
Style	Remover
Manufacturer	Foundation Armor
First Available	March 8, 2023

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding the Foundation Armor CR100 Sealer and Coating Stripper, please contact Foundation Armor directly. As a small business, Foundation Armor is committed to providing customers with the necessary information and support for their projects. Visit the Foundation Armor Store on Amazon for more products and information.