



Armor ER100 Efflorescence Remover

Foundation Armor
472 Amherst Street #14
Nashua, NH 03063
(866) 306-0246
FoundationArmor.com

PRODUCT DESCRIPTION

The Armor ER100 is a concentrated cleaner designed to remove efflorescence from concrete and masonry surfaces. It can be applied to interior, exterior, vertical and horizontal surfaces.

Once the efflorescence has been removed, a Foundation Armor sealer can be used to help prevent new efflorescence from forming.

BENEFITS/FEATURES

- ◆ Removes efflorescence on the surface
- ◆ Cleans surface of concrete
- ◆ Can be diluted with water before application

SUGGESTED APPLICATIONS

- ◆ Concrete, brick, paver, or masonry surfaces
- ◆ Interior and exterior concrete surfaces
- ◆ Driveways, walkways, and stairs.
- ◆ Pool decks and patios.
- ◆ Garage, warehouse, and basement floors and walls.
- ◆ Car ports, pole barns, retail and restaurant floors.

TECHNICAL INFORMATION

Solids.....	0%	Wet Appearance.....	Greenish Blue
Drying Time.....	Refer to Instructions	Dry Appearance.....	N/A
Re-Coat Time.....	Refer to Instructions	VOC Content.....	N/A
Foot Traffic.....	Refer to Instructions	Blush Resistance.....	N/A
Wheel Traffic.....	Refer to Instructions	Solvent Resistance.....	N/A
Application Temp.....	45°F - 85°F	Concrete Adhesion.....	N/A

COVERAGE

Undiluted	150-300 ft ² /gallon in one coat
Diluted 1:1 with water	300-600 ft ² /gallon in one coat

Coverage rates will vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided. It can be diluted with up to 9 parts water.

COMPLIANCES

- ◆ VOC and OTC compliant in all 50 states

SHELF LIFE

When properly sealed and stored, the shelf life of the Armor ER100 is up to 1 year.

PACKAGING

The Armor ER100 is available in samples sizes and a 1 Gallon Bottle.

APPLICATION INSTRUCTIONS

PREPARATION: Always test the surface to be prepared for previous coatings. This product will not work properly over coated concrete surfaces and is not to be used as a chemical coating stripper. It is always recommended to test Armor ER100 prior to application for proper dilution rates, application coverage rates, and simply to ensure there are no issues with compatibility.

Protect all areas not to be cleaned and prepared. Mask off all adjacent surfaces with painter's tape or plastic duct tape. Use a plastic or coated cardboard as a spray shield. Plastic or polyethylene sprayers and buckets are recommended for application.

MIXING: Dilute material with water to desired dilution rate. Pour cold water into mixing pail, then add Armor ER100. Do not mix with warm or hot water.

APPLICATION: Pre-wet the surface to be cleaned. Using a acid-resistant polyethylene pump-up sprayer, apply diluted material to the surface. Work in small areas, covering the entire working surface not leaving dry areas or spots. Overlap sections prior to moving on to remaining areas. Allow 5-10 minutes for proper reaction, then by use of an acid resistant brush, work cleaner into the surface. Rinse thoroughly with water. Repeat until floor is clean and free of all material. When possible, high pressure 500-1000 psi rinsing is recommended for best results. Make sure a final rinse of a water/ammonia blend solution to neutralize the surface for proper pH level is applied. Remove standing water with a wet vacuum.

Clean all equipment and tools with a warm soap and water solution. Allow the area to dry 18-24 hours to make sure the surface is bone dry and prepared for most any stain or coating application.

CLEAN-UP

Use warm water and soap. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

N/A.

PRECAUTIONS AND LIMITATIONS

- ◆ Do not allow Armor ER100 to dry into the concrete or hardscape surface as an excess acidic residue may be left.
- ◆ Efflorescence Cleaner can freeze during storage. Storage in area between 50 F and 85 F recommended.
- ◆ All HVAC ventilation ducts should be somehow blocked prior to application so acidic fumes are not distributed.
- ◆ Armor ER100 is corrosive. Proper protection should be worn during application.
- ◆ Do not apply Armor ER100 over sealers, coatings, or floor adhesives.
- ◆ Coverage rates depend upon many conditions including application method, surface porosity, and applicator.
- ◆ Armor ER100 was designed for interior concrete, exterior concrete, and masonry hardscape surfaces only.
- ◆ Be aware that using this product will etch concrete surfaces. Overuse could result in slight discoloration.

CONTACT

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