Armor ER100

Efflorescence Remover

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For Professional Use

PRODUCT DESCRIPTION

The Armor ER100 is designed to break down and remove efflorescence from concrete and other cementitious surfaces.

BENEFITS/FEATURES

- Can be diluted with up to 9 gallons of water
- Breaks down and removes efflorescence from concrete and other cementitious surfaces
- Releases less fumes than other products on the market
- A safer alternative to muriatic acid

SUGGESTED APPLICATIONS

Can be used on:

- Concrete
- Pavers
- Brick
- Concrete Block

A test area is always suggested to verify project suitability.

TECHNICAL INFORMATION

Solids……N/A
Application Temp.....55°F - 85°F
Wet Appearance.....Blue
Dry Appearance.....N/A
VOC Content.....0 g/L

COVERAGE

Up to 200 FT2/gallon undiluted.

Coverage will vary depending on efflorescence build-up, porosity, dilution ratio, surface condition, application method, and the amount of material applied by the applicator. The above coverage rates are estimates and will vary.

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 a 1 Gallon Bottle.

APPLICATION INSTRUCTIONS

The Armor ER100 can be applied with a 3/8-1/2" nap roller, or a commercial-grade acid resistant pump sprayer.

Application
To remove efflorescence on concrete surfaces, dilute the Armor ER100 with up to 4 parts cold water. To remove efflorescence on pavers or hardscapes, dilute the Armor ER100 with up to 9 parts cold water.

To start, saturate the surface to be cleaned with clean water. Using a commercial-grade acid resistant pump sprayer, apply the Armor ER100 at a rate of 100-200 ft2/gallon depending on the porosity of the surface. When applying to vertical surfaces, apply from the bottom to the top. Work in small areas, do not exceed 200 ft2 to ensure the area is well saturated. Allow the Armor ER100 to remain on the surface for approximately 5-10 minutes. After 5 minutes, use a stiff bristle brush to work in and agitate any heavily soiled areas to help break the bond to the substrate. Using a pressure washer, or a garden hose with a high pressure spray head, flush the cleaned surface with water. If necessary, repeat the process. Once all of the material has been rinsed away, use a PH balancing solution to neutralize the surface to the proper PH level.

Please note, it is always suggested to test the product in a small, inconspicuous area on the same substrate to test for desired results prior to application.

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

PRECAUTIONS AND LIMITATIONS

- Coverage rates depend upon many conditions including application method, surface porosity, and applicator.
- Product may pose a threat to plant life. Please test prior to use in areas where this may be an issue.
- Store product in an area where the temperature is between 55-80 degrees F, and not in direct sunlight. Store in a well ventilated area.
- Proper personal protective equipment should be worn when applying this product. Refer to the Safety Data Sheet prior to application.
- Properly protect and cover any areas not intended or suggested to come into contact with the Armor ER100 during application.
- Do not allow the Armor ER100 to dry into the surface. If this happens, an acid residue will be left.
- After using the Armor ER100, wait at least 24-48 hours before applying a sealer or coating.
- Do not apply over anything other than bare concrete and cementitious surfaces. Apply to a test area before sealing to verify compatibility.
- Product is corrosive. Product may affect the surface.
- 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.
- 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.
- Product is not returnable once opened or used.