



EF EFFLORESCENCE CLEANER



Description

Dynamatrix® EF Efflorescence Cleaner is an acidic based cleaner specifically designed to remove efflorescence, laitance and accumulated dirt deposits on Concrete Pavers and Slabs. It effectively and evenly cleans the substrate without discoloring the surface colors or affecting the integrity of the pavers. With its ability to deeply clean the pores and capillaries of concrete, it prepares the surface for *Dynamatrix® Protective Sealants* to better penetrate and grip the surface.

Features and Advantages

- Removes efflorescence and mineral deposits
- Deeply cleans pores of the concrete
- Promotes a better adherence of the protective sealants
- Evens out the surface colors
- Removes tire dirt
- Removes surface rust stains
- Works well on all concrete surfaces
- Readily Biodegradable

Recommended Surfaces

It can be used on all hardscape materials made of concrete and clay. Pavers, retaining walls, slabs, natural stone surfaces.

Directions

A. Surface Testing

Before using this product, always perform a **surface test** by applying the product on a small inconspicuous area and follow the application instructions. If you are satisfied with the results, proceed with the entire area.

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B. Precautionary Warnings

1. Read the Material Safety Data Sheet before using this product.
2. Do not use product at full strength as it will damage the concrete surface.
3. Do not apply on topically dyed surfaces such as Stamped Concrete.
4. Thoroughly wet surrounding vegetation before using the product.
5. Do not splash on garage door, furniture, cars, wood decks, house, etc.
6. Do not mix with any other chemicals.
7. Use in accordance to all applicable laws.
8. Consult local, state and federal authorities to ensure compliance.

C. Preparation (Before starting)

- Conditions : The product should ideally be applied in the morning when temperatures are lower. If you wish to apply in the afternoon, work under cloudy conditions or in smaller sections at a time. Do not apply under scorching sun. Ideal temperature for application is between 15 °C to 25 °C.
- Tools : Use a plastic watering can equipped with a shower head to dilute and apply the product. Use a soft bristle push broom to brush and even out the product.
- Dilution : Dilute 1 part of product in 4 parts of water. (1 gal. of concentrate makes 5 gal. diluted)
- Tip : Fill up a few 5 gallon pails with water before starting application. It will give you excess water that you can throw on the surface to facilitate and speed up rinsing.

D. Application Instructions

- Section : Start at the top of the surface and work in sections of 100 to 200 sq/ft at a time.
- Preparation : Thoroughly wet the surface for 15 minutes before starting the application. Let dry. When the top of the pavers have just finished drying, apply the product. This procedure will saturate the pavers and the sand joints with water and will prevent the *Efflorescence Cleaner* from being absorbed too deep into the stones. It will make rinsing quicker and easier.
- Application :
 1. Shower generously the diluted cleaner over the whole section. (It should run down)
 2. Immediately run the push broom over the paver surface to work in the product.
 3. Quickly throw on your prepared pails of water to rinse.
 4. Finish rinsing off with a pressure washer. Rinse the section 3 to 4 times making sure that all suds have disappeared.
- Next section : Before applying the product on your next section, wet the edge of the previously cleaned section to avoid splash marks.
- Important :** Do not wait between each steps of the application. Never let the product dry on the surface at any time and never leave the surface to dry until the product is completely rinsed off.

Packaging

Dynamatrix® EF Efflorescence Cleaner is available in plastic containers of 3.78L (1US gal) and 18.9L (5US gal).

Storage

Store *Dynamatrix® EF Efflorescence Cleaner* in its original container at temperatures between 10 °C and 25 °C (50 °F to 75 °F) away from sunlight. The shelf life of this product is 3 years or less.

Safety Warnings

DANGER. CAUSES BURNS. DANGEROUS FUMES FORM WHEN MIXED WITH OTHER PRODUCTS. Do not mix with chlorinated products (bleach) or strong alkalis. Do not swallow. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Handle with care. **KEEP OUT OF REACH OF CHILDREN.** Wear rubber gloves and safety glasses. Use only in a well-ventilated area. **FIRST AID TREATMENT.** Contains phosphoric acid and hydrochloric acid. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water. If on clothes, remove clothes. If breathed in, move person to fresh air. Material Safety Data Sheet available.

Limited Warranty

This premium quality product was designed to satisfy the user. If you are not satisfied after Surface Testing on a small area, please contact our technical service department immediately. **NO WARRANTIES** expressed or implied are offered by *DYNA*. The Manufacturer's liability is limited to the replacement of products proven defective. The user assumes all risks and liabilities associated with the use of this product.

Notice

DYNA shall not be liable for incidental and consequential damages indirectly or directly sustained, nor for any loss or injury by the application of this product or for any other intended use. Before using, the user shall determine the suitability of the product for its intended use and the user will assume all risks and liabilities that may arise in connection therewith. *DYNA's* liability is expressly limited to the replacement of products proven defective.

Technical Support

If you have any questions or if you need any additional information on *DYNA's* products, please consult our website www.dyna.ca or reach us by e-mail at mail@dyna.ca.

Shipping Information

Phosphoric and hydrochloric acids in solution
Class: 8 (9.2)
UN Number: 1805
Packing Group: III

Technical Data

Test Procedure	Typical Values Obtained
Colour	Yellowish liquid
Odour	Mild (Acidic)
Biodegradability	Readily
Flash Point	Not flammable
Specific Gravity	1.05 - 1.15
PH	2.0 - 3.0
Water Solubility	Excellent

Version: 1



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