

Acrylic Series + Concrete Conditioner

PE700203 • PE700204

1- Product Description

Acrylic Series + Concrete Conditioner is an acid water-based conditioner used to prepare a concrete or cement based surface (bricks, cobblestones and others) before applying a coating. It increases adhesion by removing contaminants, but also by creating a surface profile. *Acrylic Series + Concrete Conditioner* is excellent for cleaning most contaminants present on the surface (stained cement, efflorescence, dirt and limestone). It is used to increase adhesion by removing contaminants and conditioning the concrete surface.

In case the surface is abnormally contaminated with organic deposits such as oil or grease, it is recommended to use an alkaline degreaser such as *Acrylic Series + Surface Cleaner* before applying *Acrylic Series + Concrete Conditioner*.

2- Characteristics & Advantages

With its formulation based on a mixture of products: biodegradable surfactants, organic and inorganic acids, *Acrylic Series + Concrete Conditioner* is corrosive, with an acidic pH which greatly increases its efficiency.

- Increases adhesion of a new concrete overlay:
 - Creates a surface profile (acid etching)
 - Cleans the surface.
- Water-based, biodegradable
- 0% VOC (volatile organic compounds). It efficiently replaces muriatic acid which is much more corrosive.
- Passive effectively galvanized steel and other metals.

3- Coverage

Undiluted

1 L covers ± 5.5 m² (0.26 gal covers ± 60 ft²)
 3.78 L covers ± 21 m² (1 gal covers ± 225 ft²)

4- Mix

Acrylic Series + Concrete Conditioner must be diluted with water depending on the type of application desired. Important note: For security reasons, when you dilute the product **ALWAYS** add *Acrylic Series + Concrete Conditioner* in the water rather than the opposite.

Application types	Product	Water
Cleaning concrete in poor condition	1	0
Conditioning concrete before acrylic coating	1	1
Cleaning efflorescence and water scale	1	1 or 2
General concrete cleaning	1	4

5- Application

Apply the product early in the morning or in the shade at a temperature of 10°C to 30°C. Avoid rain when cleaning. If the product dries or is badly rinsed, hard-to-clean white rings will appear on the concrete surface.

1- Before application protect vegetation and other materials that will not be treated by watering or covering with a plastic sheet. It is important to ensure that anything that can potentially take off is removed.

2- Work in sections of up to 100 ft² for each time. Wet the concrete surface section to be treated.

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3- Diluted in the proportions according to the type of application desired (see table). Apply the *Acrylic Series + Concrete Conditioner* to the surface to be treated with a spray, cloth or brush. The treatment will produce white foam on the concrete surface, which indicates that the product is acting.

4- Run a broom / brush immediately after application by pushing and rubbing the surface (this should not take more than a few minutes).

5- Rinse immediately by spraying with water on the treated surface (pressure washer). Continue rinsing until the foam disappears.

6- Process in the next section. The treatment can be repeated on some parts that produce little or no white foam at initial treatment.

7- Allow the surface to dry completely before coating. Take 48 hours of good weather minimum and make a humidity test using a hygrometer.

Note: A poorly rinsed surface may prevent good adhesion of the finish coat and damage the cementitious surface.

For the conditioning of metal surfaces (galvanized steel) with the *Acrylic Series + Concrete Conditioner* consult the technical services of Passeport Elite.

6- Personal Protection

When using *Acrylic Series + Concrete Conditioner*, it is recommended to wear the following safety equipment:

- Safety goggles or protective glasses
- Chemical resistant gloves
- Long sleeves and/or rubber based protective clothing
- A face mask if ventilation is inadequate.

7- Storage/Shelf Life

Store *Acrylic Series + Concrete Conditioner* at a controlled temperature ranging from 5 to 30°C (41 to 86°F) in a sealed plastic container. Keep away from frost. Product life cycle is of 3 years.

8- Transport conditions

Shipping Name: UN 3264.
 CORROSIVE LIQUID, ACIDIC, INORGANIC,
 N.O.S. (Hydrochloric acid)
 TDG Classification: Class 8, Packing group II.

9- Physical Properties

Appearance:	Colorless liquid
Smell:	Light Acid
pH (1 % sol.):	1.5 – 2.5
Rinses:	Excellent
Biodegradability:	Good
Density:	1.1g/mL
VOC:	0%

(Volatile Organic Compounds)