STEF CONCRETE CONDITIONER

(Acid cleaner for cement based product preparation)

1- Product Description

STEF 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. ***STEF 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 ***STEF Surface Cleaner*** before applying ***STEF Concrete Conditioner.***

2- Characteristics & Advantages

With its formulation based on a mixture of products: biodegradable surfactants, organic and inorganic acids, ***STEF 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 m^2 (0.26 gal covers ± 60 ft^2)
3.78 L covers ± 21 m^2 (1 gal covers ± 225 ft^2)

4- Mix

STEF 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 ***STEF Concrete Conditioner*** in the water rather than the opposite.

Application types	**Product**	**Water**
General cleaning of concrete	1	4
Cleaning of efflorescence and calcium salts traces	1	1 or 2
Concrete preparation before painting	1	1
Cleaning of old concrete (in poor condition)	1	1/2

5- Application

Consult the substrates sheets for the type of application in compliance with your type of surface or visit our website.

Apply in the shade at a temperature of 10 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 ft^2 for each time. Wet the concrete surface section to be treated.

3- Diluted in the proportions according to the type of application desired (see table). Apply the ***STEF 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 ***STEF Concrete Conditioner*** consult the technical services of ***STEF .***

6- Personal Protection

When using ***STEF 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.