



constructive solutions

# Fosroc Acid Etch\*

Concrete remover, cleaning and etching agent

## Uses

This product is used for the removal of mortar and plaster runs, droppings and stains from brickwork and concrete surfaces. Also for removal of hardened concrete from tools, machinery and equipment, or rust and mill scale from steelwork.

## Advantages

- Rapid concrete etching action
- No corrosive action with glass, plastic, rubber and most base metals
- Cleans hardened concrete from tools and mechanical equipment

## Description

Fosroc Acid Etch concrete remover, cleaning and etching agent, is a combination of acid based material, corrosion inhibitors and dispersing agents and is supplied as a clear green solution.

## Technical support

Fosroc offers a comprehensive technical support service to specifiers, end users and contractors. It is also able to offer on-site technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world.

## Properties

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**Specific gravity** : Typically 1.08 @ 20°C

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## Instructions for use

### Cleaning brickwork & rust stains from concrete

A small trial area should be cleaned first to determine the most suitable Fosroc Acid Etch dilution. Pre-wet the surface, then, using a sponge, rub the affected areas with a solution of Fosroc Acid Etch and water. Strength of the solution required will vary but should be between 1:1 and 1:4 (by volume) Fosroc Acid Etch to water.

When the action has finished, wash down thoroughly with clean water. As treatment with Fosroc Acid Etch can alter the surface finish of concrete, the minimum concentration necessary for effective removal of stains should be employed.

The surface should be washed down with water immediately treatment is complete.

### Cleaning large items of equipment

(Examples are readymix trucks, concrete mixers or barrows).

Fosroc Acid Etch should be liberally applied to the deposits by a soft broom and allowed to soak overnight if possible. If the surfaces of the deposit can be cracked by mechanical means this will speed up the operation.

In severe cases more than one application may be necessary. On completion, dissolved deposits and loose material should be brushed and washed away with clean water.

### Cleaning small tools

Use Fosroc Acid Etch as a dip. The tools should be soaked overnight, then taken out and washed with clean water to remove all loosely adhering materials. Care should be taken to avoid prolonged contact between Fosroc Acid Etch and zinc or aluminium parts of tools, such as rivets, etc.

### Cleaning concrete floors

Pre-wet the floors, then, using a stiff bristle broom, brush the affected areas with a solution of Fosroc Acid Etch and water. Strength of the solution required will vary but should be between 1:1 and 1:4 Fosroc Acid Etch to water. When the action has finished, wash down thoroughly with clean water.

Oil or grease should be removed by treatment with a suitable chemical degreaser followed by water or steam cleaning. Where heavy contamination occurs, as in garages or workshops, pre-treatment with Fosroc Acid Etch assists in freeing oil or grease and renders the action of the degreaser used more effective.

### Removal of rust and mill scale

After wire brushing to remove loose material, apply a solution of Fosroc Acid Etch and water using a soft broom or brush and leave to act for 20 - 40 minutes. Strength of the solution required will normally be between 1:1 and 1:4 Fosroc Acid Etch to water. Wire brush again to remove remaining loose material and finish by thoroughly washing down with clean water. Repeat if necessary.

### Spillage

Spillages should be hosed down with plenty of water.

### Caution

Fosroc Acid Etch is acid based and should be handled with care. Acid vapours from undiluted product can damage nearby surfaces, notably causing rusting of unprotected steel. If in doubt about its effect on a material, test a small area before general application.

# Fosroc Acid Etch\*

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## Estimating

### Supply

**Fosroc Solvent 102** : 4 & 20 kg cans

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## Storage

Fosroc Acid Etch has a shelf life of at least 24 months when stored unopened in original containers.

## Precautions

### Health & safety

Fosroc Acid Etch is corrosive and should not come into contact with skin and eyes or be swallowed.

Wear suitable protective clothing, gloves and goggles.

Use only in well ventilated areas. In case of contact with skin, wash immediately with plenty of soap and water. If irritation persists, medical advice should be sought. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention. If swallowed, wash out mouth and drink at least 500 ml of water or milk. Seek medical attention immediately - do not induce vomiting.

### Fire

Fosroc Acid Etch is non-flammable.

## The Right Chemistry for Construction

Fosroc is one of the world's major manufacturers of advanced technology chemical based products for the construction and refurbishment industries. It operates internationally through a network of operating companies, licensees, distributors and agents.

Having over 70 years experience and using global resources for research and technical development, Fosroc has built a substantial worldwide reputation in manufacturing the most comprehensive range of high performance construction chemicals:

- Concrete admixtures
- Surface treatments
- Grouts and anchors
- Concrete repair
- Industrial flooring
- Protective coatings
- Joint sealants
- Waterproofing
- Adhesives
- F.R.P Structural Strengthening
- Specific building products

\* Denotes the trademark of Fosroc International Ltd.



### Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service.

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