



# Fosroc Acid Etch®

## Concrete remover, cleaning and etching agent

### Uses

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.

### Properties

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

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### Application instructions

#### Cleaning brickwork and 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.

#### Technical support

Fosroc offers a comprehensive range of high performance, high quality flooring, jointing and repair products for both new and existing floor surfaces. In addition, Fosroc offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance in locations all over the world.

# Fosroc Acid Etch®

## Estimating

### Supply

Fosroc Acid Etch : **25 litre drums**

### Storage

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

### Precautions

### Health and 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.

## Additional Information

Fosroc manufactures a wide range of complementary products which include :

- waterproofing membranes & waterstops
- joint sealants & filler boards
- cementitious & epoxy grouts
- specialised flooring materials

Fosroc additionally offers a comprehensive package of products specifically designed for the repair and refurbishment of damaged concrete. Fosroc's 'Systematic Approach' to concrete repair features the following :

- hand-placed repair mortars
- spray grade repair mortars
- fluid micro-concretes
- chemically resistant epoxy mortars
- anti-carbonation/anti-chloride protective coatings
- chemical and abrasion resistant coatings

For further information on any of the above, please consult your local Fosroc office - as below.

® Denotes the trademark of Fosroc International Limited

### Important note :

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.

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