

Don Acid Etch

Acid etching solution



Description

Don Acid Etch is a clear liquid solution incorporating acid based materials and corrosion inhibitors.

Applications

Don Acid Etch is a surface preparation solution for use on concrete floors prior to sealing, epoxy coating or painting. It removes excess laitance from concrete floors and walls which will undermine coating adhesion. Don Acid Etch is also used for the removal of hardened concrete from tools and equipments.

Advantages

- ▲ Single component.
- ▲ Ready to use.

Method of Use

Cleaning Brickwork Masonry

A small trial area should be cleaned first to determine the most suitable Don Acid Etch cleaning agent dilution. Pre-wet the brickwork, then using a sponge, rub the affected areas with a solution of Don Acid Etch cleaning agent and water. Strength of the solution required will vary but should be between 1:1 and 1:4 (by volume of Don Acid Etch cleaning agent to water). When the action has finished wash down thoroughly with clean water.

Large Equipment and Items Cleaning

E.g. readymix trucks, concrete mixers, barrows, etc. Don Acid Etch cleaning agent 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 wire brushed and washed away with clean water.

Cleaning Small Tools Tackles

Use Don 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 Don Acid Etch and zinc or aluminum parts of tools, e.g. rivets, etc.

Technical Properties @ 25°C:

Colour:	Bluish clear liquid
Specific gravity:	Typically 1.07

Cleaning Concrete Floors

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

Removal of Rust and Mill Scale

Pre-wet the floors, then using a stiff bristle broom, brush the affected areas with a solution of Don Acid Etch and water. Strength of the solution required will vary but should be between 1:1 and 1:4 (Don Acid Etch to water). When the action has finished, wash down thoroughly with clean water. Wire brush again to remove remaining loose material and finish by thoroughly washing down with clean water. Repeat if necessary. High degree of rust or scale can be removed by soaking in the Don Acid Etch solution for 60 minutes.

Etching Concrete Floors

For etching surfaces to remove laitance and give a mechanical key before applying resin or other coating, Don Acid Etch cleaning agent should be diluted with water and applied at the rate of approximately 1 litre/m². The dilution will depend upon the condition of the floors and the degree of etching required, but normally it will be between 1:2 and 1:4. When the action has finished, wash down thoroughly with clean water.

Note: As treatment with Don 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 after the treatment is complete.

Cleaning

All tools should be cleaned immediately after application with clean water.

Don Acid Etch

Packaging

Don Acid Etch is available in 1, 5 and 20 litre containers.

Coverage

Approximately 2 - 3 m²/litre per coat.

Storage

Don Acid Etch has a shelf life of 12 months from date of manufacture if stored in dry conditions at 25°C in original unopened packs.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

Cautions

Health and Safety

Don Acid Etch should be handled with care. Avoid contact with skin or eyes.

In case of accidental contact, rinse immediately with clean water and seek medical advise. Suitable protective gloves and goggles should be worn.

For further information refer to the Material Safety Data Sheet.

Fire

Don Acid Etch is nonflammable.

More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

www.dcp-int.com

