



KUT ACID ETCH

Concrete Remover, Cleaning And Etching Agent

MIS – 02 - 0104

DESCRIPTION

KUT ACID ETCH is a combination of acid-based material, corrosion inhibitors and dispersing agents and is supplied as a solution.

USES

For the removal of the mortar and plaster runs, droppings stains from brickwork and concrete surfaces. Also for removal of hardened concrete from tools, machinery and equipment, or rust and mill scale from steelwork. Suitable for etching of concrete surfaces prior to application of resin or other surface coating.

ADVANTAGES

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

TYPICAL PROPERTIES

- **Specific Gravity: 1.08 @ 20° C**

INSTRUCTIONS FOR USE

Cleaning brickwork and rust stains from concrete

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

As treatment with **KUT ACID ETCH** can alter the surface finish of concrete, the minimum concentration for necessary effective removal of stains should be employed. The surface should be washed down with water immediately after treatment is complete.

Cleaning large items of equipment

For eg: Readymix Trucks, concrete Mixers or Barrows, **KUT ACID ETCH** should be liberally applied to the as a 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 and clean water.

Clean small tools

Use **KUT 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 **KUT ACID ETCH** and zinc or aluminium parts of tools, e.g. rivets, etc.

Cleaning Concrete Floors

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

Oil and grease should be removed by treatment with suitable degreasing agents followed by water or steam cleaning. Where heavy contamination occurs, as in garages or workshops, pre-treatment with **KUT ACID ETCH** assists in freeing oil or grease and renders the action of degreasing agents more effective.

Removal of rust and mill scale

After wire brushing to remove loose material, apply a solution of **KUT 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 **KUT ACID ETCH** to water. Wire again to remove remaining loose material and brush finish by thoroughly washing down with clean water. Repeat if necessary.



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Etching concrete floors

For etching surfaces to remove laitance and give a mechanical key before applying resin or other coating. **KUT ACID ETCH** should be diluted with water and applied at the rate of approximately 1 litre per 2 sq-meters. The dilution will depend on 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.

PACKAGING

KUT ACID ETCH is available in 5, 20 and 200kg drums.

PRECAUTIONS

KUT ACID ETCH is acid-based and should be handled with care. It attacks zinc, aluminium and putty. If in doubt about its effect on a material, test a small area before general application.

Fire Resistance : **KUT ACID ETCH** is non flammable.

Storage : Shelf life at least 1 year in original sealed container.

HEALTH AND SAFETY

Avoid contact with skin. Rubber gloves and goggles should be worn. Wash spillages with plenty of water. Enclosed areas should be well ventilated. If contact with eyes occurs, wash immediately with water and seek medical advice.

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