

SpEC Etch Cleaner

ACID BASED CLEANING AND ETCHING AGENT

DESCRIPTION

SpEC Etch Cleaner is a specially selected blend of inhibited inorganic acids supplied as a clear liquid.

TYPICAL USES

SpEC Etch Cleaner is ideal for the removal of cement-based contamination from a wide range of surfaces. Applications include but are not limited to:

- Removal of laitance from concrete floors and screeds prior to applying floor coatings
- Removal of hardened concrete and mortar from tools and equipment
- Removal of mortar droppings from brickwork and blockwork
- Removal of rust stains from concrete surfaces
- Removal of efflorescence from concrete, brick work and plaster cycles.

ADVANTAGES

- Cost Effective
- Rapid action

APPLICATION

Surface preparation

The concrete surface should be free of any oil and grease contamination prior to application of **SpEC Etch Cleaner**. Use a proprietary industrial degreaser for this purpose.

GENERAL APPLICATION

Prepare a diluted solution consisting of 1 part **SpEC Etch Cleaner** and 2 parts water and apply generously to the concrete surface with a stiff brush ensuring uniform coverage. Allow the reaction, visible as effervescence, to complete, then wash with copious amounts of clean water. The washing process should be repeated until the surface exhibits a pH value of around 11-12.

Note: the 1:2 diluting proportions are given as a guide. Concentrations may vary from 1:1 to 1:3,

depending on the surface condition.

Removing rust, stains and mortar runs from concrete and brickwork

The contaminated area should be pre-soaked with water. Apply on a small trial area first to determine the optimal concentration of **SpEC Etch Cleaner** solution for the required application. Strength of solution will vary from 1:1 to 1:3 **SpEC Etch Cleaner** to water by volume. The solution may be applied by sponge or brush. Stains should be lightly scrubbed with a hard brush whilst heavy mortar runs may require light wire brushing and repeated applications of **SpEC Etch Cleaner**.

Removing rust, concrete and mortar from plant and equipment

Small tools and equipment can be efficiently cleaned by dipping in **SpEC Etch Cleaner**. Soak for 12 hours approximately then wash with copious amounts of clean water.

For plant and large items, apply **SpEC Etch Cleaner** generously to the deposits and leave for 12 hours. Cracking the surface mechanically prior to application will accelerate the reaction. Remove remaining debris by brushing and washing with water.

EQUIPMENT CLEANING

Tools and equipment should be cleaned immediately with copious amounts of water.

PACKAGING & YIELD

SpEC Etch Cleaner is supplied in 5 litre and 25 litre containers.

STORAGE AND SHELF LIFE

SpEC Etch Cleaner has a shelf life of 24 months when stored in sealed containers in cool and dry condition.

HEALTH AND SAFETY

| | |
|---------------------|---|
| Skin Contact | Use gloves and protective clothing when using the material. Clean hands and skin washing with plenty of soap and water. |
| Eye contact | Wash with copious amounts of clean water and seek immediate medical treatment. |
| Inhalation | Move the affected person away to fresh air. If discomfort continues, seek medical advice. |
| Ingestion | Do not induce vomiting. Give copious amounts of water to drink and seek immediate medical advice. |

Spillage

Check the containers periodically for signs of leakage. Recant and discard damaged drums. Spilled material must be removed immediately using an inert, absorbent medium such as sand, and discarded in a safe place.

CAUTION

SpEC Etch Cleaner is an acid and should be handled with care and used in a well ventilated area. Vapours from unsealed containers can affect metallic objects in the vicinity.

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Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in any connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and labour involved are beyond our control.

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