

## PRODUCT DATA SHEET

# DOLPHIN ETCH 107

## CONCRETE SOLUTIONS

# CONCRETE CLEANING AND ETCHING AGENT

### PRODUCT DESCRIPTION

DOLPHIN ETCH 107 is a combination of etching solvent, corrosion inhibitor, dispersing agent and fume inhibitor.

**DOLPHIN ETCH 107** is an acid based rapid cleaner and light etching agent for concrete. It can be used as a combination cleaner and etcher on closed concrete surface conditions to provide rough surface profile for optimum adherence of surface applied materials.

### ADVANTAGES

- Rapid action.
- Effective cleaning of hardened concrete.
- Penetrates oil and grease.

### TYPICAL PROPERTIES

#### Appearance:

Colorless to pale yellow liquid.

#### Specific gravity:

1.06 ± 0.02 at 25C.

#### Shelf life

Minimum one year in sealed original containers under recommended storage conditions

### Surfaces

Concrete floors, screeds and cementitious surfaces.

Acid etching is undertaken to remove laitance and provide a good mechanical key for the application of resinous or other surface coating materials. Depending on the degree of etch required, **DOLPHIN ETCH 107** can be diluted with water to suit the requirement. Apply the diluted solution to the surface that has to be treated using a brush or mop. When the reaction has ceased, wash the treated area with clean water. Inspect the surface for the degree of etch obtained and if required apply a further treatment.

### Cleaning concrete floors:

Floors can be cleaned using a very dilute solution of **DOLPHIN ETCH 107**. Wet the floor with clean water, apply the **DOLPHIN ETCH 107** diluted with water in 1:1 ratio, using a stiff brush. Wash thoroughly with water, once the reaction has ceased.

**Rust removal:** Wire brush the infected parts of the metal and remove all loose materials. Apply a solution of **DOLPHIN ETCH 107** diluted with water in a 1:1 ratio, using a paint brush and leave it for 30 minutes. Wash the reacted area with clean water. Repeat if necessary.

### PACKAGING

**DOLPHIN ETCH 107** is supplied in 5 ltr and 20 ltr pails.

### STORAGE

Preferably store in sealed conventional containers, protected from extreme weather conditions.

### SAFETY PRECAUTIONS

- Avoid contact by careful working. Use barrier cream or gloves
- In case of contact, flush affected areas thoroughly with abundant water.

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## DIRECTIONS FOR USE

**Large equipment cleaning:** Readymix trucks, concrete mixers etc.

Depending on the extent of the cement or concrete coating, cleaning will be enhanced if mechanical removal techniques are initially employed. **DOLPHIN ETCH 107** should be amply applied to all the contaminated areas and allowed to soak overnight. On completion, dissolved deposits and loose materials should be brushed and washed away with clean water. In case of readymix trucks, frequent rotation of the drum mixer will facilitate uniform cleaning.

### **Small equipment cleaning:**

All tools should be allowed to soak overnight with clean water to remove all dissolved material. Care should be taken to prevent prolonged contact between DOLPHIN ETCH 107 and reactive metals such as zinc, brass, galvanized steel etc

## TECHNICAL SERVICE :

Our Technical service Department is available at any time to advise you in the correct use of this product or any other products.

**Note :** The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control. **As all Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue.**