



**Concrete must be slightly porous and rough for a coating to adhere.**

## 1.0 Concrete Etching

**Note:** If the concrete is powdery or soft do not Etch or Acid Wash as this may damage the surface. Only etch bare concrete do not etch an existing coating as this may be detrimental to the coating and cause peeling or delamination of the coating.

If the surface is contaminated with grease or oil, degrease prior to etching as acid will not remove grease or oil and if not removed the surface may not be adequately etched. A suitable degreaser is Nutech Nu-EcoSafe High Strength Degreaser. Multiple treatments may be required to remove all grease and oil.

Contact **Nutech Technical Service for further information Ph. 03 9770 3000.**

## 2.0 Mixing and Dilution

Dilute Concrete Etch or Hydrochloric Acid prior to applying to concrete. For a rough stipple finish concrete use one part Acid to 15 parts water. For a smooth steel trowelled concrete use one part Acid to 10 parts water. Always check surface after etching as the surface should be slightly rough and porous, perform a water bead test to check porosity by pouring a cup of water on the surface, the water should penetrate the surface easily and wet the concrete if not porous, repeat the process using a stronger mixing ratio.

Apply solution to concrete using a plastic watering can wet all concrete with solution. Allow to dwell for ten minutes then high pressure clean with minimum 2000 psi.

**Always add acid to water wear eye protection and avoid contact with skin.**

## 3.0 Approximate coverage rate of mixed solution

1 litre of Concrete Etch or Hydrochloric Acid diluted solution will cover approximately 2 to 3 square metres. Coverage will depend on porosity of the concrete.

## 4.0 Moss and Mould on Concrete

If the concrete is affected by moss or mould clean the surface prior to etching. A solution of Nutech Hypo diluted 50% with water will kill moss and mould and assist in cleaning the concrete.

Hypo should be left on surface for a minimum of 2 hours or preferably overnight prior to pressure cleaning.

**Observe all safety precautions refer to labels on products for safety information or contact Nutech Technical Service Ph. 03 9770 3000.**

