

## BESCON ECO ETCH WB

Bescon Eco Etching Fluid is an easy to use concrete surface preparation product.

Bescon Eco Etching Fluid is designed for etching rough and slightly porous concrete such as smooth or stipple concrete, and compatible cement/masonry surfaces.

### Benefits

- Works like an acid but not an acid.
- Water based technology / No VOC's
- 100% Bio-Degradable / Non Ozone Depleting
- No harsh choking fumes.
- No special storage provisions.
- Not a dangerous Good for the purpose of transportation by Road / Rail or Air.
- Will not damage glass / timber and most painted surfaces.\*
- No unpleasant odour.
- No Toxic / Hazardous Air Pollutants (TAPs /HAPS).

### Suitable Applications

Domestic & Multi Density Residential, Industrial, Commercial, Shops, Restaurants, Hospitals, Supermarkets, Service Stations, Driveways, Workshops and areas where bare concrete needs to be prepared and painted.

### Easy To Use

Wear protective clothing, gloves, eye/ face protection. Observe all Occupation Health and Safety (OH&S) precautions. Refer to the relevant Safety Data Sheets (SDS) before commencing or opening the product. Use in area that is well ventilated.

The surface to be etched must be thoroughly clean and dry. Do not use Bescon Eco Etch Fluid to remove surface contaminants.

### Oil & Grease Stains

Such stains are to be cleaned with Bescon Degreaser.

### Moss & Mould Contamination

Moss and mould are to be treated with Bescon Moss Off prior to the commencement of any etching.

### Test Area

Test on a small, inconspicuous area. Check time required and dilution rate and observe the suitability of the substrate.

### Coverage Rate

Coverage / Spread Rates 2 – 3m<sup>2</sup>/L (can vary depending on the texture and porosity of the concrete).

### Equipment

Brush or broom application. Plastic watering can, polyurethane sheets, masking tape, gloves and safety glasses.

### Preparation

Protect surrounding areas. Ensure etching area is clean and dry. Optimum surface temperature is 20°C to 32°C. Do not etch soft or damaged concrete.

### Dilution Ratios

Due to the variability of concrete finishes and strengths, ratios are only a guide. Always add Bescon Eco Etch Fluid to water.

- Rough/stipple finished concrete:  
1 part Bescon Eco Etch Fluid to 15 parts water

- Smooth/steel-trowelled concrete:  
1 part Bescon Eco Etch Fluid to 10 parts water

## Application

Plastic Watering Can Procedure:

- Hose/wet surface before applying Eco Etch. Never apply Eco Etch directly to dry surfaces.
- Pour diluted Bescon Eco Etch Fluid into a plastic watering can and disperse evenly over surface.
- Spread using a nylon brush or broom. Scrubbing generally required.
- Saturate mixed Bescon Eco Etching Fluid to all concrete areas to be coated.
- Allow to dwell for a couple of minutes. Do not allow to dry.
- High pressure water-clean with a minimum 2500 psi. Always check surface after etching.
- Surface should be slightly rough and porous.

Perform a water bead test to check porosity.

Pour approx. 1 cup of clean fresh water on the surface.

Observe water penetration as this should easily wet the concrete.

If this does not occur, repeat the etching process using a stronger mixing ratio. Once etched and washed, allow concrete to dry before coating.

Rinse and scrub or high-pressure wash as soon as the required etch is achieved (this may take 10–20 minutes). Check regularly and as soon as the required etch is gained rinse the surface with a high pressure washer.

### Clean Up / Protecting Our Environment

Clean up with clean water. Bescon Eco Etch Fluid can be disposed of down drains or on clean soil as it will not affect the soil or waterways. Empty containers can be rinsed out and reserved for future use.

## Typical Properties

Shelf Life expected is up to 24 months @ 25°C providing storage is in a cool dry place out of direct sunlight and heat.

**Density:** 1.19

**pH :** >1

Colour: clear to slight straw.

### Packaging:

1 litre, 5 Litre, 10 Litre & 20 Litre

## Warranty

Bescon warrants its products to be free from defects in material and workmanship. Bescon's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Bescon's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to Bescon in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier.

## Disclaimer

The information given on this data sheet is based on many years' experience and is correct to the best of our knowledge. However, since the use of our product, surface conditions, weather and a other factors are completely beyond our control and we can only be responsible for the quality of our product at the time of dispatch. \* Always establish the suitability of any surfaces that may be contacted with Bescon Eco Etch Fluid and protect substrates from splash or accidental contact.