



High Performance Paint Product Data Sheet



CONCRETE ETCH 10%

91-CONETC JUN 09



DESCRIPTION: A ready to use acid solution for etching concrete and other cementitious surfaces. May also be used to remove efflorescence.

TYPICAL USES: Interior/Exterior concrete surfaces, including: floors, walls, swimming pools.

PERFORMANCE: Ready to use. Will effectively etch concrete and provide surface ready for coating application.

LIMITATIONS: Do not apply if the temperature during application is above 30°C, or rain is imminent. Not for use on metal. Do not apply on oily, contaminated or friable surfaces. Avoid skin contact or use in confined areas.

TECHNICAL DATA:

Resin:	Diluted hydrochloric acid
Solvent:	Water
Finish:	Not Applicable
Colour:	Clear
Touch Dry (minimum):	Not Applicable
Recoat Time (minimum):	2 hours approx. @ 15°C
Primer:	Not Applicable
Number of Coats:	1 usually required
Dry Film Thickness:	Not Applicable
Wet Film Thickness:	Not Applicable
Durability:	
Thinning and Clean Up:	Water
VOC:	
Pot Life:	Not Applicable
Pack Size:	4, 15 Litre

SPREAD RATE:

Theoretical Coverage: 1-4 m²/litre/coat.
Coverage depends on surface profile and porosity.

COMPUTER CODES:

Concrete Etch 10% 91-CONETC

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CONCRETE ETCH 10%

SURFACE PREPARATION:

(Refer to "Surface Preparation and Paint Systems" for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

Any mould, moss, algae needs to be treated with a suitable chemical cleaner/inhibitor.

Ensure surfaces are free from oil, grease and any surface contamination. Use commercial detergent/alkali cleaner.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advice.

The product requires a minimum of surface preparation.

NEW CONCRETE:

Ensure the surface is "dry" and free from dust, dirt and any curing or release agents. CONCRETE ETCH 10% can be applied on fresh concrete which is "dry", and after 2 - 5 days minimum cure.

OLD CONCRETE:

Remove all old paint/grease/contaminants. Allow to dry then apply CONCRETE ETCH 10%.

APPLICATION:

Shake thoroughly before use. CONCRETE ETCH 10% comes ready to use. It is a 10% Solution of Hydrochloric Acid.

It can be diluted further, by mixing with potable water.

Designed for Brush, Broom or Spray Application.

BRUSH: Generally for smaller areas, on efflorescence and localized concrete.

BROOM: A clean yard broom works well on larger horizontal areas. Pour onto surface and spread out quickly to ensure even coverage. Do about 1-2 m² at a time.

SPRAY: A low pressure Knapsack Sprayer works well on larger areas and will allow for effective spreading out of product.

ALL APPLICATIONS:

Allow to react for 10 - 20 mins. It will "fizz" and then stop. Do not allow to dry out. Thoroughly rinse off with potable water. Allow to dry. Surface should be "open" and ready for painting. If necessary reapply in those areas required.

NOTE: All applications should be undertaken only while wearing protective clothing, gloves and goggles.

NOTE: Do not allow to come in contact with metal or aluminium surfaces

NOTE: If the concrete surface is to be clear coated afterwards, CONCRETE ETCH 10% must be evenly spray applied. Any variation in etching results in a final colour variation.

NOTE: Dilute further when dealing with the removal of efflorescence. See CTL for more info.

THINNING & CLEAN UP:

Not necessary to thin for most applications. Wash up in plenty of water.

ENVIRONMENTAL:

DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations.

Soak up spills with absorbent material and dispose of properly. Refer to the MATERIAL SAFETY DATA SHEET.
