

## TECHNICAL DATA

### CCA CLEANER

**DESCRIPTION** An organic acid cleaner formulated for cleaning and etching concrete surfaces prior to coating or topping.

**USES**

- : To clean and etch mildly contaminated aged concrete surfaces
- : To remove laitence, and to etch new concrete
- : To etch concrete where stainless steel is present
- : When diluted, as a general cleaner for previously coated surfaces, especially in washdown areas where metallic soaps have been deposited
- : To remove grinding residue from ground concrete.

**FEATURES**

- : Reaction by-products are readily soluble, and easily removed by washing down and surfaces wash clean without white salt deposits remaining
- : Environmentally safe
- : Safe to use around stainless steel
- : Less hazardous to users than conventional etch solutions
- : Will remove light soiling as well as etching

### APPLICATION GUIDELINES

#### Etching New Concrete

Dilute CCA Cleaner in the ratio of 1 part water to two parts CCA Cleaner. Thoroughly wet the surface to be etched, applying the solution at the rate of approx. 2m<sup>2</sup> per litre. (ie, 20L of CCA makes up 30L of solution, and covers 60m<sup>2</sup>) Use a stiff broom to work the solution into the surface. Do not let the surface become dry. Ensure solution remains continuously on the surfaces for at least 20 minutes (longer in cool temperatures) re-brooming as required to ensure all acid has been reacted with the concrete. If some areas show signs of contamination (no reaction noted) broom off thinned solution and apply CCA cleaner neat and work in. If this is not effective in removing contamination, mark area and clean with Chemical Cleaner S after washdown, and then reapply CCA Cleaner neat. The surface should be evenly etched on completion. After etching is completed, waterblast with fresh clean water until detergent and loosened material is removed. Wet vacuum or squeegee to remove excess water and allow floor to thoroughly dry before coating.

**APPLICATION  
GUIDELINES**  
(Cont'd)

Etching Aged Concrete

Pre-clean with Uroxsys Chemical Cleaner S to remove oils and contaminants where apparent.

Proceed as for New Concrete above, but use CCA without dilution at 2 m<sup>2</sup> per litre. (ie 20L CCA will cover 40m<sup>2</sup>) If contamination is not removed (no etching achieved) an Alkaline cleaner may need to be initially used. Contact Uroxsys for specific recommendations.

Cleaning Ground Concrete (Slab and block)

Dilute 1 part CCA Cleaner with 10 parts water and wet surface thoroughly. May be applied with a suitable low pressure spray pack. Work in with a brush or firm broom and maintain wetness for at least 10 minutes. Do not let acid dry out. Rinse off thoroughly with a strong water jet and with active brooming to remove spent acid, detergents and reaction by products.

Cleaning Pre-coated Surfaces or Ceramic Glazed Tiles

Use CCA Cleaner diluted 1:1 with warm water as a spray-on cleaner, or use undiluted for heavy duty cleaning. Scrub in and wipe/wash well to remove residue.

**TECHNICAL DATA**

Contains organic acids, solvents and detergents.

|                   |                            |
|-------------------|----------------------------|
| Application rate: | See Guidelines above.      |
| Shelf Life:       | One year minimum           |
| Clean Up:         | Water                      |
| Pack Size:        | 20 litre plastic jerry can |

**SAFETY DATA**

This solution is acidic, and the vapours can be discomforting if knapsack sprayed. Use organic/acid vapour respirators, especially in enclosed spaces. Avoid contact with exposed skin. Wear protective clothing and use waterproof gloves. Wear safety visor or glasses when pouring, diluting, applying or rinsing.

This information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

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