

TECHNICAL DATA SHEET

DESCRIPTION

E & C Solution is a concentrated, acidic cleaning solution that produces a light etch in the preparation of concrete for staining and/or coating. The material uses mild acid to lightly etch the surface and remove mild efflorescence. Using mild instead of muriatic acid gently increases the porosity of the surface without damaging the substrate chemicals necessary for subsequent acid staining, thereby allowing better penetration of the stain solution.

USES

E & C Solution is an acidic concrete and masonry cleaner. **E & C Solution** is a concrete etcher to improve the adhesion and absorption of various concrete coatings and treatments.

FEATURES

- Cleaner
- Mild Etcher
- Preparation Product
- Concentrate
- Improves Staining

MIXING

The concentrated solution must be diluted with water prior to use. Mix 1 part cleaning solution to 4 parts water. Surfaces with very low porosity may require a more concentrated dilution (1 part to 2 parts water)

PLACING

Wet the surface with clean water.

Apply the material with an acid-proof pump sprayer and scrub with a nylon brush. Do not allow **E & C Solution** to dry on the substrate, as this will result in a white deposit that can only be removed with another application of diluted etcher. Once cleaning is complete, pressure wash or scrub the surface with clean water, rinsing away all cleaning solution. Let the substrate dry completely before proceeding with the application of a coating or stain. Dense concrete surfaces may require mechanical preparation to accept dyes, stains, and sealers.

COVERAGE

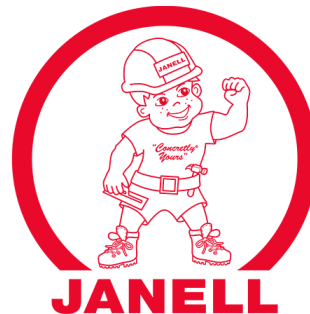
Use at a diluted rate of approximately 200 square feet per gallon.

STORAGE

Protect from freezing. If frozen, stir until melted. Recommended shelf life is one year.

CLEANUP

Clean tools with water.



Cincinnati, OH: 513-489-9111 Dayton, OH: 937-866-9111
Bond Hill, OH: 513-651-9111 Columbus, OH: 614-224-9111
Erlanger, KY: 859-341-9111 Lexington, KY: 859-254-9111



Cleaner

E & C Solution *Etch & Clean*

PHYSICAL PROPERTIES

Appearance	Amber Liquid
pH	<1
Specific Gravity	>1.0 g/cc
Lbs/Gal	>8.35
Min. Temp	35 degrees
Water Resistance	N/A
Viscosity	1.004 Centistokes
VOC	0 g/L
Flash Point	N/A
DOT	Non-regulated Limited Quantity Exempt

CONTAINER SIZES

1 gallon (3.8 Liters)

HMIS

Health	2	Flammability	0
Reactivity	1	Protection	C

LIMITATIONS

Always test a small area for compatibility before proceeding.

WARRANTY

Since Manufacturer has no control over handling, use or storage; no guarantee expressed or implied, is offered. The suitability of the product for use shall be solely up to the user. Manufacturer retains the right to venue.

WARNINGS

Danger: Causes severe skin burns and eye damage. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

Precaution: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash skin thoroughly after handling. Do not eat drink or smoke while using this product. Keep only in original container. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation, wear respiratory protection. Wear protective gloves and eye protection. KEEP OUT OF REACH OF CHILDREN.

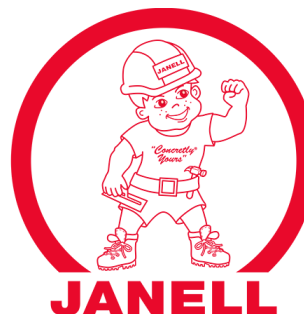
FIRST AID

IF SWALLOWED: Get medical advice if you feel unwell. IF ON SKIN (or hair): Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice. IF IN EYE: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

MANUFACTURER/TECHNICAL SERVICE

Exclusively manufactured for Janell Inc. by CLEMONS CONCRETE COATINGS

Contact your Janell representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets.



Cincinnati, OH: 513-489-9111	Dayton, OH: 937-866-9111
Bond Hill, OH: 513-651-9111	Columbus, OH: 614-224-9111
Erlanger, KY: 859-341-9111	Lexington, KY: 859-254-9111