



Cathedral Stone Products, Inc.

**STRIPPERS**



## S-309

### Green Etch

This water based etching compound is specifically designed to provide a surface profile on green and mature concrete. Etching is often a prerequisite for application of a high performance paint / coating system. S-309 is suitable for treating vertical and horizontal surfaces.

### Features and Benefits

- **Water based**
- **Fully biodegradable**
- **Non flammable**
- **Contains no TAPs or HAPs (Toxic / Hazardous Air Pollutants)**
- **Easy clean up with running water**
- **Non-ozone-depleting**
- **As quick as conventional products**
- **Not regulated by authorities for ground transportation / storage**
- **Not regulated by authorities for worker health and safety**
- **No odor**
- **Will not burn skin**
- **Will not run or migrate**
- **Product adhesion provides uniform etching characteristics**
- **Cost effective:**
  - Reduces man hours
  - Reduces cost of waste disposal
  - Reduces down time because other work at site can continue while safe etching is being conducted
  - Reduces insurance costs for worker safety and storage hazards

### Application Procedures

#### Test Area

Always prepare a test area in an inconspicuous area prior to full application.

### Preparation

Ensure that all areas not to be etched are suitably protected. Ensure that all areas to be etched are clean, dry and free of oil and grease.

**DO NOT DILUTE.**

### Application

Apply desired thickness of S-309, as determined by your test patch, by brush, ½ inch nap roller or a rag to fully cover the concrete surface. After 15 minutes, agitate with a broom to allow new gel to contact the surface and provide a deeper etch.

**DO NOT DILUTE. DO NOT SPRAY.**

### Dwell Time

The time required to etch the concrete depends on the type and age of the concrete. Most concrete will be etched within 20 to 30 minutes. Rinse the product off as soon as an adequate etch has been achieved.

### Removal

For small relatively smooth areas, removal of residue can be completed by wiping with a dry cotton cloth, followed by a warm soapy water rinse. For larger surfaces, the majority of removal can be accomplished by using a nylon bristled push broom or a floor squeegee, then washing the rest with running water.

### Temperature

Ambient and surface temperatures should be in the range of 20° to 32°C (68° to 89°F). The product performs effectively at lower temperatures (even at 32°F• 0°C) but the dwell time increases.

### Safety Requirements

Wear rubber gloves and eye protection. Avoid ingestion or contact with skin or eyes. Wear personal protective equipment. When spraying wear NIOSH/MSHA approved respirator. Do not expose to bare metal.

### Packaging and Coverage

S-309 Green Etch is available in 5 gallon pails. Coverage: Depending on the substrate, the coverage rate normally falls between 200 to 300 square feet per gallon.

## Technical Data

Appearance	Thick Green Gel
Specific Gravity	1.2
Boiling Point	100°C•212°F
Freezing Point	-20°C•-4°F
pH (direct reading)	1.0 – 2.0
% VOC (W/W)	0%
Flash point	Does not flash
Viscosity (cPs):	1000 - 1500

### **DO NOT ALLOW GREEN ETCH TO FREEZE!**

**Notice:** The information contained herein is based on our own research and the research of others, and it is provided solely as a service to help users. It is believed to be accurate to the best of our knowledge. However, no guarantee of its accuracy can be made, and it is not intended to serve as the basis for determining this product's suitability in any particular situation. For this reason, purchasers are responsible to make their own tests and assume all risks associated with using this product.

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