



LIFE™

Product Specifications



Acid Gel

Concrete Etching Solution

Description and Use:

Life Deck Acid Gel opens hard dense concrete surfaces to produce a uniform etched surface. This will allow sealing, waterproofing and decorative coatings to bond to the profiled surface with improved adhesion. This product can be used to clean rust, algae, mineral and salt deposits, water parasites, oxidization and other foreign matter off the concrete surface. Acid Gel can be used on new or old concrete surfaces and is especially effective on steel troweled floors, removing "Hot Spots" to produce a uniform etched surface.

Advantages

- ✓ Gelled material stays in place more effectively
- ✓ Apply horizontally or vertically
- ✓ Saves time and labor
- ✓ Safer, more controlled, than muriatic acid
- ✓ Low fuming & non-flammable
- ✓ Rinses with water
- ✓ Opens steel troweled surfaces for better adhesion of coatings

Packaging: 1 gallon & 5 gallon pails

Inspection: Be sure the surface is clean, dry and free of grease, paint, oil, dust, curing agents or any foreign material that may prevent the Acid Gel from reacting and effectively etching the concrete. Degrease surface if necessary. Concrete should be cured a minimum of 28 days prior to application.

Surface Preparation: If surface has been previously coated, grind or scrape off completely.

Application: Wet the surface before application of Acid Gel. Mix, shake or stir the Acid Gel to make sure material is properly combined. Pour the material on to the surface and spread evenly at a rate of 200-400 sq. ft per gallon using an acid resistant broom, brush, squeegee or low pressure sprayer. Allow the Acid Gel to etch the surface for 15 to 20 minutes. Using a stiff broom or floor scrubber, agitate the surface and rinse the material completely 2-3 times. We also suggest you follow with a 3000 psi pressure wash where the surroundings permit. Dispose of all residue in accordance with local laws.

Limitations: Incompatibility: Materials to avoid: strong oxidizers, caustics, fabrics, carpets. Avoid prolonged contact with metals and marble. If used indoors, provide adequate ventilation. Excessive heat can cause evolution of gaseous hydrogen chloride.

If Acid Gel comes in contact with metals, flush immediately with water to avoid damage.

Clean Up: Dilute with large amounts of water and dispose of according to local laws.

Storage: Stable under normal conditions of use and storage. Do not store near or mix with strong alkalis, i.e., sodium or potassium.

WARNING

Use in well Ventilated areas only

Please read Material Safety Data Sheet before using Acid Gel.

HEALTH RATING: 3 Severe (Corrosive)

PRIMARY CONCERN: Lungs, skin and eyes

INHALATION: If overcome by fumes, move to fresh air.

EYES: Flush with water for 15 minutes. Seek medical attention.

INTERNAL: Drink copious amounts of water followed by milk of magnesia or other antacids.

DO NOT INDUCE VOMITING. Seek immediate medical attention.

EXTERNAL: Apply copious amount of water to surface areas affected.

Do not reuse container. Follow all applicable State, Federal and Local chemical disposal regulations. Do not dilute.

Safety wear: Protective eyewear and PVC/neoprene gloves recommended. Protect skin from excessive contact

Spill cleanup: Dilute with copious amounts of water, flush to sewer if allowed by local rules and regulations.

Temperature: Apply between 40°F and 100° F.

Warranty: Manufacturer's liability is limited to the replacement or refund of purchase price upon return of unused portion with proof of purchase.

TECHNICAL DATA

Description:	Gelled acid formulation
Color/Odor:	Yellow opaque gel, mild pungent
pH:	± 1
Solubility:	Infinite in Water
Flammability:	Non flammable
Coverage:	200 to 400 sq.ft./gal. Depending on surface condition