

Technical / Procedural Bulletin

No. 27 Effective Date January 2020

Gill 27 Etch N Kleen

Type: Liquid, etching hydrochloric acid based cleaner with special organic cleansing surfactants for removal of algae, fungus, and other organic material. Gill 27 does contain surfactants for the removal of petroleum-based products.

Intended Use: Gill 27 is for use on concrete and other masonry surfaces when followed by a coating or cementitious overlay or patch. **For cosmetic cleaning that is NOT to be recoated use Gill 4 Safe Kleen. See Technical Bulletin No. 4 for additional information** It is an etching hydrochloric acid based cleaner primarily to be used for the removal of organic and petroleum based contamination of concrete. When properly used, Gill 27 Etch N Kleen removes contaminants that interfere and prevent the bonding of cementitious-based patching material to existing concrete or clay-based products. This may be appropriate for cleaning concrete prior to painting or coating. For your application consult the coating manufacturer.

Application: *Ensure adequate ventilation and proper safety equipment for all personnel, see Manufacturer's Safety Data Sheet.* Concrete should be as dry as possible and all loose material should be removed. Open container and slowly pour or spray over floor. Using a long handled floor broom, evenly distribute the Etch N Kleen over the surface to be cleaned. For vertical application, use a low volume sprayer and scrub in walls with a stiff brush. Allow to remain on surface for at least 60 minutes. Rinse thoroughly using high pressure hot water at 2,000 PSI or high-pressure cold water at 3,000 PSI. Recommended tip size for high-pressure washer with hot or cold water is a No. 6 nozzle. Follow all neutralizing procedures in Manufacturer's Safety Data Sheet.

Government Agency Acceptance:
N/A

Coverage: One gallon of Gill 27 Etch N Kleen will provide coverage of approximately 150 square feet. Your actual field coverage will depend upon porosity, moisture content, and smoothness of concrete being cleaned.

Shelf Life: Stored in undiluted form, shelf life is indefinite. Do not allow to freeze.

Shipping Weight: 9.5 lbs. per gallon, not including container. Standard packaging is a 5 gallon container, but 55-gallon drums are also available.

Volatile Organic Compounds: None.

Safety Precautions: See Manufacturer's Safety Data Sheet.

Equipment: Use all recommended safety equipment for all personnel. Floor brooms are recommended for good disbursement and also for dislodging embedded material. A source for high volume and high-pressure water should be available for final rinse of area to be cleaned. Lime or soda ash should be on site for neutralizing Gill 27 before flushing into stream or storm sewer.