



**CAREFULLY READ
ALL CAUTIONS &
DIRECTIONS BEFORE
USE.**

Do not mix the chlorine-type bleaches or any other chemical or household products. For exterior use only.

ALWAYS:

Wear protective clothing; rubber gloves, boots & plastic safety glasses are required when mixing or using product. Remove all surface oil, grease and dirt before using this product.

Do not store use this product in a confined area.

Airborne fumes and vapors are corrosive to exterior and interior metals and may other surfaces.

DANGER! POISON!

CAUSES SEVER BURNS. VAPOR IS HARMFUL. MAY BE FATAL IF SWALLOWED. MAY CAUSE BLINDNESS IF SMASHED IN EYES. KEEP OUT OF REACH OF CHILDREN.



Product Data Sheet

Description: FirmeCrete® Concrete Etcher was specifically formulated to etch our Floor & Wall coatings. Leaving the coating with beautiful sand finish. Other etching material can burn our coatings leaving a white unsightly residue behind. For best results we highly recommend only utilizing FirmeCrete® Concrete Etcher for providing the initial etch & also for the final clean down and laitency (cement haze) removal.

Uses: FirmeCrete® Concrete Etcher can be used to etch the existing concrete sub slab, substrate, or structure to clean & etch the surface. Concrete Etcher will provide a roughened texture that is adequate for FirmeCrete® Floor & Wall Coating to bond to. Concrete Etcher is the only etching material we recommend to use during the initial Floor Coating or Wall Coating etching process. FirmeCrete® Concrete Etcher should be used to remove any laitence during the final clean down.

Mixing for Etching Existing Substrate: Use only water to dilute. Mix Solution in an open-top plastic container. Use only a plastic or wooden paddle to mix. Never use a metal pail or paddle to mix. Do Not Splash while mixing. Always pour Concrete Etcher slowly into water. Never pour water into Concrete Etcher. This will produce heat which causes boiling and splashing of the mixture. Concrete Etcher should be diluted 3 Parts Etcher to 1 Part Water. For etching a substrate the Concrete Etcher can be used straight. If the Solution bubbles when applied the solutions strong enough. Use a plastic bristle scrub brush to apply. Rinse thoroughly with water preferably with a pressure washer utilizing an aggressive tip. Do not allow solution to dry on the concrete. Make Sure to neutralize concrete substrate prior to installing any FirmeCrete® Coating.



ATTENTION: CONCRETE ETCHER MAY LEAK WHEN TIPPED.

Keep bottle upright & ensure cap is on tightly. Brace for transport & keep in upright position. Product will damage material upon contact.

PELIGRO! VENENO!

CAUSA QUEMADURAS SEVERAS.
VAPOR NOCIVO. PUEDE CAUSAR LA MUERTE SI INGERIDO. PUEDE CAUSAR CEGUERA SI EN CONTACTO CON LOS OJOS. MANTENGASE FUERA DEL ALCANCE DE LOS NIÑOS.

Mixing for Initial Etch on FirmeCrete Coatings: Use only water to dilute. Mix Solution in an open-top plastic container. Use only a plastic or wooden paddle to mix. Never use a metal pail or paddle to mix. Do Not Splash while mixing. Always pour Concrete Etcher slowly into water. Never pour water into Concrete Etcher. This will produce heat which causes boiling and splashing of the mixture. Concrete Etcher should be diluted. Mix 3 parts Concrete Etcher to 1 part water. If the Mixture is too aggressive mix 1 Part Concrete Etcher to 1 part water. Additional Concrete Etcher in the mixture will result in a more aggressive etch. After applying the Diluted Concrete Etcher, use a plastic bristle scrub brush to help open up the FirmeCrete® Floor or Wall Coating. Let the mixture sit on the coating for a couple of minutes. Rinse thoroughly with water, preferably with a pressure washer. Repeat application as needed to achieve the desired exposure. Do not allow Concrete Etcher Mixture to dry on the concrete.

Mixing for Removing Concrete/Coating Laitance: Make sure the FirmeCrete® Floor or Wall Coating has sufficiently cured, if the Coating is too fresh or green it will release more laitance (Cement Haze). Dilute 1 part Concrete Etcher to 3 parts water. Do not exceed 1 part Concrete Etcher to 2 parts water for laitance removal (Cement Haze). Use a plastic bristle scrub brush to apply. Rinse thoroughly with water, preferably with a pressure washer. Do not allow solution to dry on the concrete prior to rinsing. Make Sure to neutralize concrete substrate prior to sealing.

DANGER! POISON. Causes sever burns. May cause blindness if splashed into eyes. Harmful or fatal if swallowed. Vapor is harmful. Can cause highly flammable or toxic gases which may be fatal. Contains Hydrochloric Acid, 20 Baume (25.79% by weight). Only dilute with water. For further information, refer to the Safety Data Sheet (SDS). Use outdoors in an open air area. Do not use in areas where vapors can accumulate and concentrate. **USE ONLY WITH ADEQUATE VENTILATION.** If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering-**STOP**-ventilation is inadequate. Leave area immediately. If the work area is not well ventilated you **MUST** use a properly fitted and maintained NIOSH approved respirator for acid fumes. A dust mask does not provide protection against vapors. Do not take internally Avoid breathing of vapors and contact with skin and eyes. Open Cap slowly to relieve pressure. When moving container be sure cap is secure close container after each use. Do not reuse this container.

Note: Hydrochloric Acid and its fumes will travel long distances and corrode or be destructive to metal, wood, masonry, fabrics, vegetation and many other materials.

FIRST AID IF SWALLOWED: Do not induce vomiting. Drink 1 or 2 glasses of water or milk to dilute. Call your poison control center, hospital emergency room, or physician immediately. Never give anything by mouth to an unconscious person. **IN CASE OF EYE CONTACT,** immediately flush with water, remove any contact lens, flush with water for at least 15 minutes, Get medical attention. **FOR SKIN CONTACT,** wash with soap and water. Get medical attention.

Storage and Spill Procedures: Store this product in a cool, dry area, away from direct sunlight and heat to avoid deterioration. **Spill or Leak:** Flush by flooding with plenty of water applied quickly to the entire spill. Dispose of washings and empty containers according to federal, state and local regulations. **Disposal:** After six months, dispose of unused Concrete Etcher and container by following federal, state and local regulations.

Transportation: Place container in an upright position to prevent leaking during transportation. **FOR MORE INGREDIENT INFORMATION** visit, www.FirmeCrete.com