



Product Description

RF™ Acid & Stain Defender delivers ultimate stain and etch protection in a convenient ready-to-use (RTU) formula, leaving a durable high-gloss finish. It combines powerful protection with added convenience, efficiency, and strength.

This topical coating is ideal for protecting concrete and terrazzo against staining and etching. When spills occur, RF Acid & Stain Defender's protective layer shields the floor from immediate damage and extends the clean-up window before any permanent effects set in.

THE READY-TO-USE ADVANTAGE

- 5x More acid resistant than other guard products
- Minimizes whitening risk on concrete with moisture issues
- Saves time and labor for faster job completion
- No diluting or measuring - just open, mix and apply
- Factory-set dilution ensures consistent results every time
- No straining necessary under proper storage conditions

ORIGINAL BENEFITS

- Stain and etch protection
- High gloss finish – cures without burnishing
- Enhances color and aggregate.
- Strong adhesion, won't peel or flake.
- Reapply anytime without stripping.
- UV stable for indoor/outdoor use.
- Ideal for all concrete and densified concrete floors - new or old, standard or colored - and all terrazzo floors



Product Selection Guide

	RF Acid & Stain Defender	RF Oil & Water Defender
Acid Protection	High	None
Oil & Water Repellency	Medium	High
Dye Enhancement	High	None
Sheen Enhancement	High	Low
Penetrating Sealer	No	Yes
Topical Sealer	Yes	No
Ease of Installation	Easy	Easy
Ease of Repair	Easy	Easy
Coverage Rate	High	Medium



Technical Info

Form:	Milky white
Coverage:	1,500-2,000 ft ² /gal (37-50 m ² /L)
Packaging:	1 gal (3.79 L) Jug 5 gal (19 L) Pail 55 gal (208 L) Drum (by request)
Storage Life:	One year in factory sealed container
Freezing:	Protect from freezing
Odor:	Low odor
VOC:	VOC content 0 g/L. Complies with all known national, state and district AIM VOC regulations. Maximum VOC content 100 g/L.



Application

Read all instructions and SDS information before use. Use appropriate safety equipment. Always test floor surface for suitability and desired results before overall application. Evaluate vapor transmission, or other potential concerns. Let surface dry thoroughly before inspection and approval.

PREPARATION

Protect people, vehicles, property, plants and all surfaces not meant for treatment from product, residue, splashes, fumes and wind drift. Use polyethylene or other proven protective materials. Ensure fresh air entry and cross ventilation during application and drying.

Remove any dirt, oil, grease, paint, waxes, efflorescence and surface sealers before application. For best results, clean the floor with **RF™ Hard Surface Cleaner** using an auto scrubber with blue or black pads, or a mop and bucket. RF Acid & Stain Defender can be applied 28 days after placement of the concrete.

Surface & Air Temperature: Temperature should be between 40-80°F (4-26°C). RF Acid & Stain Defender applies, dries and cures more evenly on a cool floor. Avoid applying in direct sunlight. Use only in well-ventilated areas.

Freezing: If there is any concern RF Acid & Stain Defender has been frozen at any point in time, the following steps will help ensure it is usable. Set the RF Acid & Stain Defender pail(s) in a warm water bath (72-76°F / 22-24°C) and allow the product to warm completely. Do not shock the product with extreme heat. When warm, remove the lid and stir the product with a large paint stir stick. Stir back and forth, in multiple directions, making sure to scrape the pail sides and bottom. This does not require high speed stirring with a mixing bit, or shaking, as this produces foam and adds air bubbles to the product.

Equipment: Pump-up sprayer with adjustable conical tip (approximately 0.5 gpm), microfiber pad, propane burnisher with soft burnishing pad or diamond impregnated pad, and appropriate safety equipment.

Coverage: On densified and densified-polished surfaces: approximately 1,500-2,000 ft²/gal (37-50 m²/L). Coverage rates vary with concrete porosity and level of polish. Suitability of the product for the floor in question must be determined by the applicator.

STANDARD APPLICATION PROCEDURE

RF Acid & Stain Defender is engineered as a ready-to-use formula and is shipped full strength. **Do not dilute.** Dilution may reduce the product's ability to provide full stain and etch protection. **Stir or mix well before use, but do not shake as shaking produces foam.**

Clean the floor with RF Hard Surface Cleaner using an auto scrubber with blue or black pads, or a mop and bucket. Application can begin once the floor is damp to the touch or completely dry.

Fill the pump-up sprayer with RF Acid & Stain Defender. Spray/dampen the microfiber pad with RF Acid & Stain Defender so it can more easily move the product across the floor. Ensure that the microfiber pad is not too saturated or dry.

Note: While straining is not typically necessary, extended exposure to air may cause RF Acid & Stain Defender to clump or become stringy. If this occurs, strain with a paint strainer to prevent sprayer clogging. Always reseal the container after use to maintain product quality.

Apply RF Acid & Stain Defender using a pump-up sprayer, covering a wide area 4-5 ft (1.2-1.5 m) deep. Start at one edge of the floor and work backwards, away from wet product. Work in sections small enough to avoid stepping on freshly applied material, as this can cause shoes to become tacky and leave footprint ghosting once dry.

Spread RF Acid & Stain Defender evenly with a damp microfiber pad, using a figure-eight motion to work the product into the floor. Make overlapping passes, and maintain a wet edge for a uniform appearance. If the microfiber pad begins to drag or feel tacky, rinse with water, wring out, and continue using the same pad.

Following application, allow RF Acid & Stain Defender to dry for approximately 50-60 minutes. Burnish with a high-speed propane burnisher at 3/4 speed (approximately 1500 RPM) using a soft burnishing pad or diamond impregnated burnishing pad. Burnishing is not required to cure the product, but it does enhance the floor's sheen.

After application, rinse and flush all equipment thoroughly with clean water. Floors treated with RF Acid & Stain Defender may be opened to traffic after 12 hours under typical interior conditions. Protect the surface from standing or puddled water, or other liquids, for at least 48 hours.

MAINTENANCE

Do not use acidic cleaners or products containing sulfates or hydroxides. For best results, use RF Hard Surface Cleaner in auto scrubbers or mop buckets. Keep floors free of dirt and debris, and clean up spills promptly. and debris. Clean up spills quickly.



Warranty, Technical Assistance & Safety Data Sheet (SDS)

WARRANTY

Manufacturer warrants this product to be free from defects. Where permitted by law, no other warranties apply, express or implied, including, without limitation, warranties of merchantability or fitness for a particular purpose. The purchaser is responsible for conducting tests to determine the product's suitability for their intended use. Liability is limited to supplying sufficient product to re-treat only the specific areas where defective product was applied. By accepting and using this product, the purchaser releases the supplier from all liability, including incidental, consequential, or resultant damages, whether arising from breach of warranty, negligence, or representations by RF Acid & Stain Defender, its distributors or dealers.

TECHNICAL ASSISTANCE & EMERGENCY CONTACT

Contact Curecrete at (801) 489-5663 or toll free at (800) 998-5664, or by email at techsupport@curecrete.com.
For emergency information, call (801) 629-0667.

SAFETY DATA SHEET (SDS)

For SDS information, scan the code provided.



COMPLETE LINE OF MAINTENANCE & RESTORATION PRODUCTS

RF Acid & Stain Defender is part of Curecrete's **RetroFit™ Maintenance and Restoration System**, a comprehensive program for maintaining and revitalizing concrete floors.

Curecrete also offers a complete line of supporting products to maximize floor performance – including solutions for floor preparation and stripping, joint filling, crack and spall repair, densification and polishing, grinding accelerants, diamond tools and dyes, topical and penetrating protection, cleaning, maintenance, restoration, and innovative products for low-carbon concrete.

To learn more, contact Curecrete or visit www.curecrete.com.