



Acid & Stain Defender

RETROFIT
SYSTEM



Product Description

RF™ Acid & Stain Defender provides ultimate stain and etch protection with a high gloss finish. This topical coating is ideal for protecting concrete and terrazzo against staining. When a spill occurs, RF Acid & Stain Defender's layer of protective properties prevent the floor from immediate damage and increases the window of opportunity for clean-up.

BENEFITS

- Ultimate stain and etch protection
- Topical sealer
- Strong floor adhesion; does not peel or flake
- Creates high gloss and shine when burnished; cures without burnishing
- Enhances floor color including dyes and aggregate
- UV stable; may be used outdoors
- Can be re-applied anytime; does not require stripping
- Creates sacrificial layer between spill and floor
- Reduces expensive and time consuming stain repair
- 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	Low	High
Dye Enhancement	High	None
Sheen Enhancement	High	Low
Penetrating Sealer	No	Yes
Topical Sealer	Yes	No
Ease of Installation	Medium	Easy
Ease of Repair	Medium	Medium



Technical Info

Form:	Milky white
Coverage:	1,500-2,000 ft ² /gal (37-50 m ² /L)
Dilution:	RF Acid & Stain Defender : Water (1:1)
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, splash, 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). 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 container(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), paint strainer, microfiber pad, propane burnisher and soft natural hair burnishing pad (optional) 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

Stir or mix well. 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 using a **paint strainer or cheesecloth*** to prevent particles that could clog the spray nozzle. 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:** After opening and exposure to air, or as it ages, RF Acid & Stain Defender can begin to clump or become stringy. Properly straining RF Acid & Stain Defender with a paint strainer will prevent unnecessary clogging of the pump-up sprayer.

RF Acid & Stain Defender should be diluted with water at a 1:1 ratio. Two coats are recommended for maximum protection and shine. Allow product to dry between coats. 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, or away from wet product. Make sure to work in small enough sections to prevent walking on wet product. This will cause shoes to become tacky leaving 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. Use overlapping passes, maintaining a wet edge for uniform appearance. If during application the microfiber pad begins to drag or become tacky, rinse the pad with water and wring out. 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, natural hair pad. Burnishing is not required to cure the product, however, it does enhance the floor's sheen.

After application, rinse and flush all equipment with clean water. Floors with RF Acid & Stain Defender can receive traffic within 12 hours under typical interior conditions. Protect from water or other liquids for at least 24 hours.

MAINTENANCE

Do not use acidic detergents, or detergents containing sulfates or hydroxides. Use **RF™ Hard Surface Cleaner** in scrubbers or mop buckets for best results. Keep floor clean, removing dirt 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 with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose. The purchaser shall be responsible to perform his own tests to determine the suitability of this product for his particular purpose. Liability shall be limited in all events to the supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves supplier from any liability, from whatever source, including liability for incidental, consequential or resultant damages, whether due to breach of warranty, negligence or extended by representatives of RF Acid & Stain Defender, its distributors, applicators 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.



SUPPORTING PRODUCTS

Contact Curecrete for more information on the following supporting products:

- RF Densify & Harden
- RF Grind & Enhance
- RF Hard Surface Cleaner
- RF Hard Surface Cleaner - Single Dose
- RF Strip & Prepare
- RF Water & Oil Defender