



## Water & Oil Defender

RETROFIT  
SYSTEM



### Product Description

RF™ Water & Oil Defender is a repellent specifically formulated for concrete and terrazzo floors. It prevents oil from penetrating the floor and water reactions that cause whitening.

RF Water & Oil Defender has been formulated with advanced, water-based fluoropolymers. These small molecular structures allow for maximum penetration. It is not a topical sealer, but rather, a penetrating sealer that fills the microscopic gaps in the floor's crystalline structure. It does not change the appearance of the floor.

#### BENEFITS

- Provides oil and water repellency
- Penetrating sealer that fills microscopic gaps in the floor
- Protects newly densified and polished floors water reaction that cause whitening
- Does not affect the appearance of the floor
- Easy, stress-free application; less applicator fatigue
- Does not require burnishing to cure
- Ideal for all concrete floors - new or old, standard or colored, and all concrete and terrazzo floors.



### Product Selection Guide

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



### Technical Info

<b>Form:</b>	Clear liquid
<b>Coverage:</b>	600-1,200 ft <sup>2</sup> /gal (15-30 m <sup>2</sup> /L)
<b>Packaging:</b>	1 gal (3.79 L) Jug 5 gal (19 L) Pail 55 gal (208 L) Drum (by request)
<b>Storage Life:</b>	One year in factory sealed container
<b>Freezing:</b>	Protect from freezing
<b>Odor:</b>	Low odor
<b>VOC:</b>	VOC content 90 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 Water & Oil Defender can be applied 28 days after placement of the concrete.

**Surface & Air Temperature:** Temperature should be between 40-80°F (4-26°C).

**Equipment:** Pump-up sprayer with adjustable conical tip (approximately 0.5 gpm), microfiber pad, propane burnisher and soft natural hair burnishing pad (optional) and appropriate safety equipment.

**Coverage:** Averages approximately 600-1,200 ft<sup>2</sup>/gal (15-30 m<sup>2</sup>/L). Most floors that have been densified and polished to 800-grit or higher will yield 900-1,000 ft<sup>2</sup>/gal (22-25 m<sup>2</sup>/L). Depends on porosity of concrete, level of polish, and method of application.

#### STANDARD APPLICATION PROCEDURE

**Stir well before and during use. Do not shake.** Shaking causes large amounts of bubbles and foam to occur.

Mask off and protect any baseboards or adjacent areas to avoid splashing and over spray onto surfaces not intended to be treated.

Liberal apply an even coat of sealer with a pump-up sprayer. Allow the product to soak into the floor and work it in with a microfiber pad until the floor is completely saturated.

If first application is immediately absorbed, a second application should be applied "wet-on-wet" prior to the first application drying.

All of the product should penetrate the concrete and should not dry on the surface. If excess product is allowed to dry on the surface, buffing can be used to remove haze.

Do not walk on the surface until it is completely dry. Do not leave standing water on the treated floor surface until after a minimum of 24 hours. Full cure is achieved in 24 hours.

After application, rinse and flush all equipment with clean water.

#### 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 Water & Oil 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](mailto: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 these supporting products:

- RF Acid & Stain Defender
- RF Densify & Harden
- RF Grind & Enhance
- RF Hard Surface Cleaner
- RF Hard Surface Cleaner - Single Dose
- RF Strip & Prepare