



Product Description

RF™ **Densify & Harden** is a chemically reactive liquid which enhances concrete and cementitious-terrazzo density and hardness, allowing concrete surfaces to be polished to a high, marble-like sheen. In conjunction with diamond tools and standard maintenance equipment, and the process of grinding, honing and polishing concrete, it is known as the **RetroFit™ Restoration System**.

By chemically treating concrete surfaces and polishing the bare concrete, the RF Densify & Harden densifier creates a highly abrasion resistant, dustproofed, polished and aesthetically pleasing floor that is very easy to clean and maintain.



Considerations

RF Densify & Harden provides a hardened, durable, and dense surface when applied after resurfacing and honing of the floor surface. Over time, RF Densify & Harden increases in penetration resistance.

RF Densify & Harden must be applied to structurally sound concrete surfaces. All restrictive coatings must be removed to allow RF Densify & Harden to fully penetrate the concrete surface.

RF Densify & Harden should not be applied when freezing conditions may occur.



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.

1. Spray-apply a light coat of RF Densify & Harden at 600 ft²/gal (14.7 m²/L) and spread evenly with a microfiber pad using a figure 8 motion. Allow to dry for at least 1-hour.
2. Do not allow RF Densify & Harden to puddle in low spots or voids on the floor. When RF Densify & Harden is applied too thick and is allowed to dry, it will appear white and will require significant grinding to remove.



Technical Info

Coverage Area:	600 ft ² /gal (14.7 m ² /L) Depends on porosity and state of concrete
Form & Odor:	Clear, colorless liquid; odorless
pH:	11.3 - 11.6
Thinners:	None Use as packaged
Duration of Effectiveness:	Permanent
Internal Comp:	Non-flammable, water-based, non-toxic. Meets USDA and VOC compliance
Storage Life:	Indefinite Agitate before use if product is more than 1 year old.
Packaging:	1 gal (3.79 L) Samples 5 gal (19 L) Pails 55 gal (208 L) Drum

Applicable Standards

ABRASION - ASTM C779 - Up to 400% increase in abrasion resistance, depending on concrete quality.

HARDNESS - ASTM C805 - 21% increase in impact resistance.

WEATHERING - ASTM G23-81 - No adverse effect to ultraviolet light or water spray.

LIGHT REFLECTIVITY - Restores original reflectivity.

SKIDABILITY STATIC - Coefficient of Friction ASTM 1028 - Independent testing has shown that RF Densify & Harden can exceed OSHA and ADA recommendations for wet and dry hard surfaces.



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