



SUPERFLAT® CONCRETE ENHANCEMENT™

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RETAIN™

Superior **texture additive** designed for all concrete cleaners for **texture retainment**. Provides **advanced hardening** and **densification** for the **maintenance of complex texture projects**. For use with all automatic floor scrubbers. **Compatible with all concrete floor cleaners.**

CONCRETE TEXTURE ADDITIVE / RETAINER / DENSIFIER

Nanotechnology. Non-streaking. Non-film forming.

DESCRIPTION

Superflat® Retain™ is a pH neutral cleaner that delivers a continuous dispersion of silica that hardens and densifies concrete surfaces at each cleaning. Superflat® Retain™ is uniquely refined and highly reactive. It will reduce porosity on any concrete surface with every application, thus making the floor naturally more stain and abrasion resistant giving the concrete a more reflective finish.

Each and every facility will change its traffic pattern over time and begin to show cosmetic wear in high exposure areas. In higher traffic areas, main walkways could develop micro abrasion, making appearances duller than areas not as heavily traveled.

This appearance issue is a very common condition that does not represent a defective or failing product. If your floor has been polished with Superflat® Concrete Enhancement™ using Superflat® Protect™ and maintained with Superflat® Prevent™, simply cleaning with Superflat® Retain™ will restore the shine.

Areas of extreme traffic, or that have suffered from a lack of daily maintenance, can often be brought back to the original gloss in this manner. In most severe cases where restoration is required, contact Superflat® Precision Concrete Solutions and technical services will provide facility management with the proper restoration process and procedure.

USES

Superflat® Retain™ is a texture additive that is designed for all concrete cleaners for texture retainment.

Retain™ provides advanced hardening and densification for the maintenance of complex texture projects. For use with all automatic floor scrubbers and compatible with all concrete floor cleaners.

Superflat® Retain™ can be used on all concrete floor finishes as part of a regular floor maintenance program and in conjunction with existing floor cleaners. Properly maintained, concrete texture will outlast most floor coverings and look beautiful for years to come. Maintaining your floors also eliminates indoor air quality concerns due to strippers, waxes, sealers, and polishes needed to maintain other types of floor finishes.

SPECIFICATIONS

- Complies with all State and Federal allowable VOC requirements / Cleaned and treated surfaces pass the minimal (OSHA) Static Coefficient of Friction (SCOF) standards
- Increased abrasion resistance
- Extensive testing has proven that floors treated with Superflat® Retain™ continue to show an increase in surface abrasion resistance

COVERAGE / APPLICATION RATE

Types of Surface	ft. ² /Gal	M ² /Gal
Various Surfaces	As required or needed	

Note: Coverage rates may vary slightly depending on the spray delivery system and/or operator and/or both.

FEATURES / BENEFITS

- Nano sized molecular reaction penetrates deeply into concrete and employs a dispersion of concrete densification at each and every cleaning
- Quick and easy dilution ratios
- Does not require additional steps in the normal cleaning process
- Designed to be used in conjunction with ride-on or walk behind auto scrubbing machines
- Surfaces cleaned with Superflat® Retain™ will continue to reflect more light
- Product is non-film forming and will not peel or delaminate from the concrete polished surface
- Diamond impregnated maintenance rejuvenation programs and pads are not required, thus providing continued savings to the ongoing maintenance program
- Environmentally safe / non-hazardous
- No VOC'S

APPLICATION

Daily cleaning should consist of sweeping and damp scrubbing by means of automatic walk-behind and/or ride-on automatic floor scrubbers.

Spills and heavily soiled areas should be cleaned up immediately with a mop and a mop bucket, including Superflat® Retain™. Most neutral pH disinfectants and industrial cleaners are acceptable to use for spot cleaning but must be verified as an approved cleaning agent. Heavy solution degreasers that are high in pH can be harmful to the finish, causing a build-up of excess residue and

creating a hazy look or can even cause surface etching.

Superflat® Retain™ is a highly evolved cleaner specially formulated to inject a continuous dispersion of pure silica and hardener into the surface at each cleaning that heals micro abrasion resulting from normal foot traffic. Ordinary, medium to soft scrubber pads and soft nylon brushes used on automatic floor scrubbers are approved for use with Superflat® Retain™.

Mixing 1:28 Dilution Ratio

ADDITIONAL INFORMATION

PACKAGING

5 Gallon (18.93 Liter) Pails | 55 Gallon (208.20 Liter) Drum
Typical shelf life is 1 year in original, unopened container.

PRECAUTIONS: DO NOT OVER DILUTE. Do not apply if the temperature of the concrete is less than 38° F (3° C) or above 165° F (74° C). KEEP FROM FREEZING. If frozen, product should be thawed and agitated slightly prior to use.

DRYING TIME: Floors treated with Superflat® Retain™ are ready for normal foot traffic immediately after application.

WARNING

Immediately wash off over-spray from glass, aluminum, or highly polished surfaces with water to avoid etching of surfaces.

May help contribute to LEED credits:

- EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings
- MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

HEALTH HAZARDS: Superflat® Retain™ is non-combustible. (Flash point is >210° F.) Direct contact will result in irritation of the skin and eyes. Inhalation of product mist may result in respiratory irritation. Refer to Safety Data Sheet (SDS) for complete health and safety information.

LIMITED WARRANTY: Superflat® warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

DISCLAIMER: The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. Superflat® cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As Superflat® has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and end user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.

For our most current data sheets, please visit: www.getsuperflat.com