



SUPERFLAT®

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REPEL™

Superior pH neutral **sealant** that penetrates new concrete and **forms a sealed barrier**.
Reduces porosity on any interior or exterior concrete surface and **creates resistance** to the egress of water and water-borne chemicals that ultimately result in cracking of the surface.

CONCRETE SEALER / REPELLENT

Nanotechnology. Non-corrosive. Non-hazardous.

DESCRIPTION

Superflat® Repel™ is a pH neutral sealant including silane and siloxane components that penetrates new concrete and forms a sealed barrier.

Superflat® Repel™ reduces porosity on any interior or exterior concrete surface with every application, resulting in newly laid concrete developing superior resistance to the egress of water and waterborne chemicals that ultimately result in cracking of the surface.

Snow and ice mitigation chemicals such as salt and other de-icers are notorious for making their way into concrete pores and remaining there, causing damage to occur in concrete.

This common condition does not represent a defective or failing product, but does create an aesthetic eyesore should cracking subsist.

When in contact with water and the chemicals it carries, interior and exterior floors treated with Superflat® Repel™ will simply bead up and evaporate at the surface.

Areas of extreme traffic are the perfect candidate for Superflat® Repel™, as Superflat® Repel™ is not a surface coating but rather a penetrating sealant that fills in blemishes below the surface.

Superflat® Repel™ can last for up to two years before re-application is necessary.

APPLICATION

Superflat® Repel™ is best applied to an interior or exterior surface that has been power washed and allowed to dry for several hours. After application you should avoid any traffic in the area until the material is completely dry.

For best results, allow the material to set for 24 hours before getting it wet or resuming any heavy traffic.

USES

As new concrete in interior or exterior locations continues to cure over time, there are fibrils and pores that develop within the bulk of the material that are open game for the deposit of water and the chemicals that the water may contain.

By filling those pores and fibrils with Superflat® Repel™, the concrete surface is effectively sealed against the egress of material that may be deleterious to its structural integrity. Annual or biannual application of Superflat® Repel™ will add years to the look and function of your interior and exterior project.



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 resistance to cracking
- Extensive testing proves that floors treated with Superflat® Repel™ continue to show an increase in surface resistance to cracking that results from waterborne chemicals.

COVERAGE / APPLICATION RATE

Types of Surface	ft ² /Gal
Exterior concrete	400-500

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

FEATURES / BENEFITS

- Silane/siloxane formulation that repels water egress into concrete pores and fibrils
- Supplied in ready to use concentration that is 32% solids w/w
- Application is simple by spray, brush, or mop
- Surfaces treated with Superflat® Repel™ will reduce surface cracking and provide years of lasting protection
- Product is non-film forming and will not peel or delaminate from the concrete
- Penetrating sealant is not subject to normal wear patterns that torment surface coatings
- Environmentally safe, non-hazardous
- No VOC'S

ADDITIONAL INFORMATION

PACKAGING

5 Gallon Pails | 55 Gallon Drum

Typical shelf life is 1 year in original, unopened container.

MIXING: Material supplied is ready to use. No mixing or dilution is necessary.

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

PRECAUTIONS: DO NOT DILUTE. Material is RTU. 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 aggitated slightly prior to use.

DRYING TIME: Floors treated with Superflat® Repel™ should be allowed 24 hours drying time for the material to penetrate and set before normal traffic occurs.

CLEANUP: While still wet, equipment may be cleaned quickly and easily with soap and water. Immediately wash off over-spray from glass, aluminum, or highly polished surfaces with water to avoid etching of surfaces.

May 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® Repel™ 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 Material Safety Data Sheet for complete health and safety information.

LIMITED WARRANTY: Superflat® Concrete 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 along with disclaimer.

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

