



SIMGUARD is a chemically protective flooring treatment to protect and extend the life of polished concrete, terrazzo, cementitious and marble floors. Surfaces treated with SIMGUARD resist damage from water, chemical attack and surface abrasion. SIMGUARD provides a long lasting, high gloss finish that maximizes light reflectance and eliminates the need for floor waxes, liquid polishes and conventional polymeric flooring. SIMGUARD works great on bare concrete, integral color, acid stains, dyes, dry shake hardener and cementitious terrazzo.

Features and Benefits

- Low odor
- Easy to Apply
- Fast drying
- Non-flammable. Non-Toxic
- UV Stable
- Improves concrete abrasion resistance
- Enhances concrete color
- Improved light reflectance
- Improves concrete gloss
- Improves concrete chemical resistance
- LEED Compliant
- Low VOC; VOC Compliant Nationwide

Technical

Specific Gravity:	1.08
Weight/Gallon:	9.03 lbs.
PH:	11
Active Content:	25%
Total Solids:	25%
VOC:	<100 g/L
Flash Point:	not applicable
Freeze Point	32°F (0°C)
Shelf Life:	1 year in a tightly sealed, unopened container

Surface Preparation

Concrete: SIMGUARD may be applied to existing, cured concrete of any age. Concrete must be clean and structurally sound. Remove all foreign materials including bond breakers, curing agents, surface grease and oil, and construction debris.

Application

Read Safety Data Sheet before use.

SIMGUARD can be diluted up to 20% by fresh water when using on highly polished concrete.

Always test a small area of each surface to ensure compatibility, coverage rate and desired results before beginning overall application.

Do not apply to surfaces which are frozen, dirty or have standing water.

Application Temperature

Surface and air temperatures for application should be between 40-100°F (4-38°C).

Application Equipment

Apply with a low pressure pump sprayer and a microfiber pad. Do not atomize material

Application Procedure

SIMGUARD may be applied to steel troweled, honed, polished or highly polished concrete surfaces.

1. Lightly wet a clean microfiber pad with SIMGUARD and wring out excess, leaving the pad damp.



2. Using a clean pump sprayer, work from one control joint to another, applying a light even spray of SIMGUARD to a small section.
3. Immediately, using the damp microfiber pad, apply downward pressure and spread material evenly to produce a thin even coat. Spread the product as far as possible while maintaining a wet edge. Stop spreading material if it begins drying and apply more material to maintain a wet consistent edge.
4. Allow to dry for 20-60 minutes, until tack free. Cooler and less ventilated areas could take longer to dry.
5. Once dry, burnish SIMGUARD using a high speed burnisher with a concrete polishing pad.

Drying Time

Under typical conditions, the surface is ready for traffic within 1-hour of final burnishing. Protect floor from water exposure for 72 hours.

Cleanup

Use fresh water to clean up all tool and equipment.

Shipping

Packaging: 5 gallon US Pails

Warranty

Simiron warrants this product to be free from defect in the material that affects its performance for a period of one year (from date of purchase). Simiron will replace, at no charge, the warranty of the coating that Simiron determines has failed to perform, as the sole and exclusive remedy for any breach of this warranty and/r any other defect or failure of the

coating. Proof of purchase is required. Cost of labor for application of any product is specifically excluded.

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