



# RETRO-GUARD

## RetroGuard

### PRODUCT DATA SHEET

#### DESCRIPTION

RetroGuard is a water-based copolymer. It is a combination of silicate and polymeric components. The silicates give added hardness to the floor while the polymeric properties seal the concrete with a rich, shiny finish, creating a beautiful, easy-to-maintain surface. Treated surfaces resist damage from water, chemical attack and abrasion. RetroGuard is the final application for your premium RetroPlate floor.

#### FEATURES & BENEFITS

- A topical floor treatment that offers long-term protection. Won't peel or flake.
- Protects surface from water and chemical attack.
- Ideal for all RetroPlated floors – new or old, standard or colored.
- Enhances colored concrete, whether integrally colored or topically applied.
- Easy application. Low odor and no scrubbing or flushing required.
- Reduces maintenance.
- Complies with all known national, state and district AIM VOC regulations. Maximum VOC content 100 g/L

#### TECHNICAL DATA

Form: Milky white liquid

Specific Gravity: 1.11

Weight/gallon: 9.2 lbs

pH: 11.5

Total Solids: 23%

Freeze Point: 32 F (0 C)

Shelf Life: 1 year in factory sealed container

#### APPLICATION 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. Extinguish all flames, pilot lights and other potential sources of ignition during use and until all vapors are gone. Surface to be treated must be clean and dry. Remove any dirt, oil, grease, paint, waxes, efflorescence and surface sealers before

application. For best results, let surface dry 24 hours before application of RetroGuard. Let new concrete cure 28 days before treating.

**Specifier's Note:** A waterproof barrier should be included in the construction of the floor to prevent penetration of moisture from underneath the concrete or masonry flatwork.

**Surface & Air Temperature:** Temperatures should be 40 – 90oF (10-32oC). Avoid using in direct sunlight. Use only in well-ventilated areas.

**Storage & Handling: Protect from freezing.** Keep container closed when not in use. Protect from extreme temperatures. Keep out of reach of children.

**Equipment:** Apply with airless tank sprayer, airless air assist, sponge or synthetic lint-free mop. Do not atomize.

## **APPLICATION PROCEDURES**

**Read all instructions before use.**

**ALWAYS TEST** each surface for suitability and desired results before overall application. Let surface dry thoroughly before inspection and approval.

## **COVERAGE**

On diamond polished concrete, approximately 1,000 square feet per gallon (93 square meters per gallon). Coverage rates vary with concrete porosity and level of polish. For best results, mix RetroGuard with clean water 1:1 prior to application. Mix well before use.

## **APPLICATION INSTRUCTIONS**

**Airless Sprayer:** Apply at approximately 1000 square feet per gallon (93 square meters per gallon). Apply uniformly, avoiding any puddles or streaks. When the first application is dry to the touch (approximately 30 – 60 minutes) a second application can be applied for additional protection. Floor **MUST** be burnished with a hogs hair pad, a diamond impregnated pad, or other similar pad after each application of RetroGuard.

**Sponge, Synthetic Mop, or Microfiber Applicator:** Apply a thin coat (approximately 1000 square feet per gallon), avoiding puddles or streaks and burnish floor. Apply a second coat after first application is dry to the touch (approximately 30 – 60 minutes) and burnish floor. Floor **MUST** be burnished with hog's hair pad, a diamond impregnated pad, or other similar pad.

RetroGuard can receive traffic within 12 hours under typical interior conditions. **Protect from water or other liquids for 48 hours.**

Clean equipment with soap and warm water.

**MAINTENANCE:** Do not use acidic detergents, or detergents containing sulfates, or hydroxides. Use RetroClean detergent in scrubbers or mop buckets for best results. Keep floor clean, removing dirt and debris. Clean up spills quickly. Some acids may etch the surface and leave a residual stain if left for extended times – clean up within one hour for best results.

**24-Hour Emergency Information: 800-535-5053 - Infotrac.**

#### **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 make his own tests to determine the suitability of this product for his particular purpose. Liability shall be limited in all events to 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 strict liability. This warranty may not be modified or extended by representatives of RetroGuard, its distributors, applicators or dealers.

RetroGuard representatives are available throughout the continental United States. Call customer service at 888-942-3144 for the name of the RetroGuard representative in your area.