



Kretus Guard

Technical Data Sheet

Great for Protecting Newly Polished Concrete, Factory-finished Stone and Terrazzo Surfaces

ADVANTAGES

- Non-streaking, fast-curing protective treatment
- Leaves a durable, reflective surface
- Imparts high gloss reflectivity when burnished
- Superior clarity, will not peel, flake or fade
- Easy to maintain and re-apply — Chemically bonds
- Creates a tough wear surface.
- Heavy-duty protection against stains
- Easy-to-use, water-based formula
- VOC compliant, environmentally friendly
- Interior use only

DESCRIPTION

This patented lithium fortified finish offers deep penetration, increased surface hardness and superior reflectivity. Apply with a micro-fiber pad and applicator then burnish with diamond impregnated pads at high-speed (1500-2500 rpms). The result will be an immediate extremely glossy with excellent wear properties and extended life. The reactive micro-impregnating Nano Lithium™ polymer creates greater protection and greater gloss with less labor. Treated surfaces will have increased durability and abrasion resistance. The unique treatment is extremely low in VOC's (less than 50 grams per liter) and environmentally friendly. This product meets CSMA floor polish slip resistance requirements employing ASTM test method # D 2047.

PACKAGING SIZES AVAILABLE

1 Gallon Container, 5 Gallon Pail, 55 Gallon Drum and 275 Gallon Tote.

TYPICAL COVERAGE RATES

2000-3000 sq. ft. per gallon (60-90 m2 per liter) High Reflectivity 1500 + grit profiles (2500 sq. ft. first application / 3000 sq. ft. second application).

GENERAL DIRECTIONS

Burnishing will revive the high gloss and wear protection properties of the treated surface. Scuffing, heel and/or tire marks are easily burnished away after initial treatment.

APPLICATION INSTRUCTIONS

1. Deep scrub the floor with a ceramic black pad.
2. Mix, shake or stir thoroughly before applying
3. Choose from 12 – 24" microfiber application pads. Pad selection based on size of application area and applicator's relative comfort level with application system.
4. Apply Kretus Guard using a clean, pre-dampened micro-fiber pad and applicator. Apply at a rate of 2500 - 3,000 sq. ft. per gallon depending on the surface profile spreading material thinly and evenly so as to completely cover the substrate. We recommend coating no larger than 20 x 20' sections at a time.
5. Allow to dry for 10 -15 minutes. (burnish / buff coating within 10 - 15 minutes of when it's dry.)
6. Burnish / buff with high-speed machine (1500-2500 rpms) using a fine / ultrafine diamond impregnated pad. Burnishing of individual Kretus Guard coats is highly recommended to improve curing process and overall shine.

IMPORTANT: If floor is not burnished, allow each application to dry at least 30-60 minutes before reapplying next coat. Buffing between applications with a high speed-burnisher accompanied by a diamond impregnated pad system is the recommended method.

7. Repeat steps 4 - 5 depending on the surface profile and desired gloss levels. Repeated applications build a stain resistant microfilm over the substrate. Do not over apply. It is critical to apply very thin multiple coats. If applied too thickly it will cure improperly and discolor, whiten or leave streaks and/or applicator marks.
8. Do not to clean or scrub the surface for at least 72 hours. Clean up any accidental spills immediately.
9. **IMPORTANT:** Avoid moisture for 72 Hours. Do not allow standing water for 14 days. Do not place protective plastic sheeting, rubber matting, rugs or furniture that can prevent proper drying. Covering the surface can retard curing and result in a cloudy or whitening effect.
 - a. Light pedestrian use within 30 - 60 minutes, vehicle traffic in 2 hours.
 - b. Maximum performance may take up to 14 days to develop, depending on temperature and humidity.
 - c. Finish will reflect images from side and overhead lighting. The high gloss finish will look wet and show mirror-like reflections of side and overhead images.

PROTECTION

- A. Do not allow standing water or puddles of water to be left on the surface. (Immediately wipe up any spills and/or water.)
- B. Do not to clean or scrub the surface for 72 hours (no moisture contact) to prevent the possibility of "whitening" or discoloration.
- C. Do not use protective sheeting (plastic) or other barrier sheeting to protect the surface from construction debris while the coating is curing.

CLEAN UP

Use water to clean tools and equipment. Treatment is environmentally friendly and requires no special or hazardous disposal methods.

MAINTENANCE

Routine sweeping, mopping, washing and mechanical scrubbing of floors with neutral pH cleaners/water is recommended. DO NOT USE acidic, citrus or butoxy-ethanol-containing cleaners to maintain the floor.

PROFESSIONAL USE ONLY

Building Service Cleaning Professionals and Industrial Flooring Contractors. Not for sale to or resale to the general public. For authorized and trained applicators use only and must be applied by trained or certified contractors and / or licensed field service specialists.

HEALTH AND SAFETY PRECAUTIONS

Kretus Guard is an aqueous Lithium silicate solution that uses proprietary compounds. The treatment is alkaline and may cause eye and skin irritation. KEEP OUT OF THE REACH OF CHILDREN. Do not take internally. Avoid prolonged contact with skin. Avoid ingestion of material. If swallowed, do not induce vomiting – call physician. Avoid contact with eyes. Protective clothing is recommended. Protective goggles are recommended in case of splashing. If splashed in eyes, wash immediately with clean water and call physician if irritation persists. Contact areas should be thoroughly washed with soap and water. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet. Kretus Guard will bond to most surfaces - immediately wash off over spray with water and mild detergent.

CAUTION: Surfaces wet with Kretus Guard may be slippery.

FOR MEDICAL EMERGENCIES ONLY

Call Infotrac (800) 535-5053
Outside USA (352) 323-3500