

# SpecGuard

High Gloss Concrete Protectant/Polish



## DESCRIPTION

SpecGuard is a multi-component, water-based polymeric protectant that improves the appearance and durability of concrete floors. SpecGuard incorporates a cross-linking nano-technology which aids penetration and adhesion creating a tough, stain-resistant coating.

SpecGuard also contains UV absorbers that enable it to protect colored or dyed concrete against UV degradation. SpecGuard can be used alone or in combination with reactive sealer such as SpecHard or LithSeal SC to give concrete floors a glossy finish, harder surface, and protective chemically resistant seal.

## FEATURES/BENEFITS

- Provides 24-hour stain protection to the most common stain-causing agents found in grocery stores, restaurants, warehouses and distribution centers.
- Treated floors exhibit instant exceptional gloss and long-lasting scuff, scratch and stain protection.
- Does not require buffing.
- Protects colored or dyed concrete from UV degradation.
- High solids concentrated formula
- Durable/Breathable.
- Retains high gloss under scrubbing.
- Resists staining when subjected to periodic dripping of hot oils, making it ideal for use in food preparation areas.
- Rejuvenates with dry buffing.
- Easy to apply and reapply.
- Safe to use—Water based, low odor, .
- SpecGuard meets all federal VOC requirements. (check local/regional regulations for compliance)

## APPLICATION

Always apply SpecGuard to a clean surface free of cures, bond breakers, oil, dirt, grease or debris.

When necessary, clean concrete surfaces with Spec-Chem Orange Peel Citrus Cleaner and neutralize with a neutral ph detergent. Thoroughly flush with water.

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

SpecGuard is a high solids concentrate that can be diluted with water prior to use. Dilution ratio will depend on the porosity of the concrete, and the desired degree of gloss and chemical resistance required.

For maximum chemical resistance use SpecGuard undiluted. Most concrete floors will require a 2 to 1 dilution (SpecGuard to water) depending on the desired gloss and degree of chemical protection needed.

## APPLICATION (con't)

**Before Applying SpecGuard.**

1. Lightly wet a clean microfiber pad with SpecGuard and wring out excess, leaving the pad damp.
2. Working from one control joint to another, apply a light, fine spray of SpecGuard to a small section of the floor using a clean, pump-up sprayer fitted with a 0.5 gpm spray tip.
3. Using the damp microfiber pad and firm downward pressure, immediately spread the SpecGuard to produce a thin, even coating. Spread the product as far as possible while maintaining a wet edge. Properly applied, SpecGuard dries quickly. Stop spreading once drying begins. Avoid overlapping.
4. Allow to dry tack free, typically 20-60 minutes.
5. Once dry, burnish SpecGuard using a high-speed burnisher fitted with a burnishing pad or equivalent. Polishing the treated surface, high-speed burnishing heats the SpecGuard to help the treatment fuse and bond with the concrete for increased durability and longevity.
6. Repeat steps 1-5 above as necessary for the desired finish. Burnish between coats. Apply up to three coats for maximum gloss.

### Drying Time

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

### Coverage Rates:

1 gallon of diluted SpecGuard will cover from 500 to 1000ft<sup>2</sup> of concrete depending upon the texture of porosity of the surface.

**The actual coverage rate required to achieve the appearance and protection desired should be determined by performing a small test application on-site.**

## TYPICAL TEST DATA

Appearance — Milky White

Weight/Gal.— 8.4 lbs.

VOC Content = < 250 g/l

Minimum Application Temp. 45°F

Solids = 20-22%

USDA Accepted for Indirect Food Contact

**SPEC**CHEM   
Solution to Service

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## PACKAGING

SpecGuard is packaged in 55 gallon plastic drums and 5 gallon plastic pails and 1 gal jugs (4 per case).

## SHELF LIFE

Shelf life of SpecGuard in the original tightly closed containers is one year from date of manufacture.

## LIMITATIONS/PRECAUTIONS

- Recommended for interior use only.
- Applied SpecGuard should be allowed to cure for a minimum of 7 days before cleaning.
- The use of ammonia or amine containing cleaners or detergents will cause irreparable damage to SpecGuard, necessitating reapplication to restore gloss. Please see maintenance for cleaning recommendations.
- The stain protection properties of SpecGuard have been tested on smooth, steel-troweled concrete treated with SpecHard silicate hardener and LithSeal SC lithium densifier and have not been tested in conjunction with other liquid floor hardeners or on other surfaces, including tile and stone.
- SpecGuard may be used over most acrylic sealers provided the surface is properly cleaned and a test sample is performed to verify compatibility.
- Before applying SpecGuard to any other surfaces for the purpose of stain prevention, an adequate test should be done on a representative sample replicating actual use.
- Allow 72 hours of dry time prior to testing stain resistance.
- Product is intended to give a reasonable opportunity for cleanup of spills. In some cases, the product will act as sacrificial protection and will require reapplication, following the procedures given below, once the spill has been cleaned.
- Protect from freezing. If allowed to freeze, product packaging may rupture and the emulsion stability of this product may be affected, making it difficult to keep product mixed during application. Product which is suspected of freezing should not be used.

## PRECAUTIONS

### INDUSTRIAL USE ONLY

Additional precautions, safety information and first aid are contained in the Safety Data Sheet (SDS).

## WARRANTY

### NOTICE-READ CAREFULLY

#### CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

#### WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

#### INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.



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