



A proprietary, colorless chemical solution that increases the wear surface strength of concrete floors subjected to pedestrian and vehicle traffic. SpecHard-Intraseal penetrates concrete surfaces to seal, densify and harden. SpecHard-Intraseal floors last longer, cost less to maintain, are safe to use, and are guaranteed to resist dusting for years after application.



### Benefits

- Reduces porosity and increases hardness of the concrete surface.
- VOC compliant and Non-Yellowing
- Resists staining and penetration of oil and many chemicals
- Minimizes tire marks and makes them easier to remove
- Equipment can be cleaned with water
- Can be applied to fresh, new, or existing concrete
- Low sheen enhances the appearance of concrete surface
- Compatible with SpecChem SpecTilt bond breakers for tiltup projects
- Cures, seals, hardens, dustproofs and prevents efflorescence
- Promotes bonding of secondary toppings
- Controls hairline crack
- One application, economical, water clean up

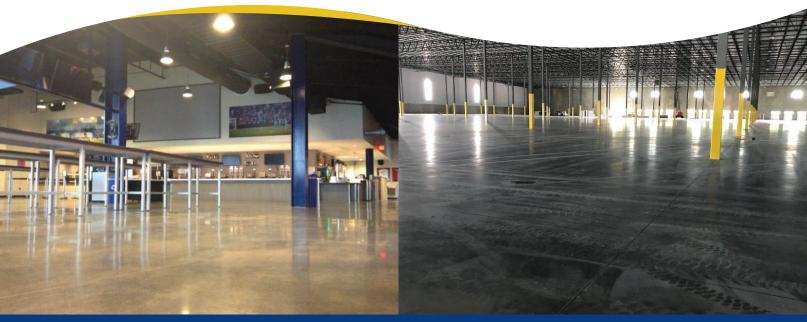














### Usage

- Commercial/Industrial concrete floors
- Interior/Exterior
- Fresh, new or existing concrete



- 5 gallon drum (18.93 L)
- 55 gallon (208.2 L)

## ್ಗ್ Standards

- Tested per CDPH Standard Method V1.2 and is in compliance with all LEED V.4 requirements.
- Recommended for ACI 302. Class 1 through 5 concrete floors, and class 9 super flat floor
- USDA accepted
- Typical Properties

**Active Ingredients:** 100%

Proprietary blend Type:

Flash Point: None Odor: None Color: Clear

Dry Time: 2-4 hours

VOC: 0.0













## **ADVANTAGES**

- Seals, dust p oofs, hardens, and cures.
- rotects against dusting, pitting, palling, efflorescence, temperature cracking in concreteInhibits freeze/thaw deterioration.
- eutralizes excess internal alkali from concrete
- VOC Compliant and non-yellowing

## **COVERAGE**

- ard Troweled Finish 200-350 ft<sup>2</sup>gal
- room or Float Finish 150-250 ft<sup>2</sup>/gal
- ough Slab Finish 150-200 ft<sup>2</sup>gal
- ld Concrete 150-250 ft<sup>2</sup>/gal

## HIGHLIGHTED PROJECTS

#### Johnson & Johnson Plant

Indianapolis, IN 1,000,000 sq ft

#### The Limited Distribution Center

New Albany, Ohio 504,000 sq ft

#### **Continental Tire**

Charlotte. NC 500,000 sq ft

#### **LVIP VII**

Bethlehem, PA 677,000 sq ft

#### **Ford**

Shanghai. China 800,000 sq ft

#### **Sealy Posturpedic**

Hagerstown, MD 600,000 sq ft

#### **FLETC GL Dept of Homeland Security**

Brunswick, GA 325,000 sq ft

#### Fed-Ex

Concord. NC 275,000 sq ft

#### **Union Cross**

Winston Salem, NC 450,000 sq ft

### **Capitol Logistics**

Harrisburg, PA 500.000 sa ft

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## **APPLICATION TYPES**

Most applications are performed after the slab has been curing for a minimum of 28 days. Different specifications call for 14 days, 7 days and even 1 hour after concrete placement. The type of project, schedule and the owner determine which type of application is performed.

These application types are:

- 1 Standard Post Seal After the slab has been cured by another method.
- 2 SpecChem Pre-Seal Method This is a compatible system that includes the curing compound and is applied the same day as the slab is poured.
- 3 Tilt-Up Application This can be either Post or Pre-Seal method, but must consider the type of bondbreaker used.
- 4 Remediation This is an existing slab that the owner wants stripped and wants SpecHard applied.

## **PERFORMANCES**

**CURING-** SpecHard when properly applied to fresh concrete will reduce hairline cracks. SpecHard will also act to retain moisture in the concrete necessary for the hydration reaction.

**SEALING-** SpecHard will cause a deep reacting chemical change in the concrete. This chemical reaction will seal the pores of the concrete for the remainder of its life.

**HARDENING-** SpecHard causes the concrete to consolidate creating a harder denser surface. This surface will have increased abrasion resistance and toughness.

**DUSTPROOFING-** SpecHard's chemical reaction with the concrete will prevent the dusting of concrete.

**BONDING-** SpecHard treated concrete prevents surface concrete salts thus providing great bonding for paints, caulking adhesives, and floor coverings. SpecHard is compatible with all types of surface coatings.











## **COMPANION PRODUCTS**

#### E-Cure-

A guaranteed compatible cure that requires no stripping prior to the use of SpecHard.

#### SpecGuard-

A great option to add additional shine and stain resistance to your SpecHard floor.

#### **Orange Peel-**

Perfect for remediation application where SpecHard is used.



# **SPECIFICATION**

- ecommended for ACI 302
- Class 1 th ough 4 concrete floors, and class 9 super flat floors
- US A accepted
- Can ontribute to LEED points

TECHNICAL DATE END CDECHADD

- VOC and OTC compliant
- ypical Properties

- ctive Ingredients: 100%
- Type: Proprietary blend
- lash Point: None
- dor: None
- olor: Clear
- ry Time: 2-4 hours
- OC: 0.0



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## TECHNICAL DATA FOR SPECHARD

IEGHNIGAL DATE FUR SPECHARD	IE91 KE90F19
Improved Abrasion Resistance ASTM C-779	>26%
Improved Compressive Strength ASTM C-140	>14%
Improved Impact Resistance ASTM C-805	>10%
Reduced Permeability ASTM C-642	>76%
Skid Resistance ASTM C-303	Good
Reduced Vapor Transmission ASTM E-96	< 8.0gm/hr/sq-ft
Weatherability/UV Stability ASTM G-23	no change
Depth of Penetration	>3.5mm
USDA Accepted	Yes
Specific Gravity	1.16





