



# H-30 HARDENER

## WATER-BASED CONCRETE SEALER AND DUSTPROOFING COMPOUND

**PRODUCT DESCRIPTION:** *Specco H-30 Hardener* is a protective concrete sealer formulated to chemically react with the lime in cement to form an insoluble silica-gel based barrier. *H-30 Hardener* thereby fills the pores of the concrete and provides an impermeable seal that resists deicing chemicals, water, grease and oil. Surfaces treated with *H-30 Hardener* are more resistant to water intrusion, acids, oils and grease, allowing easier maintenance than traditional acrylic, epoxy or urethane sealers. *H-30 Hardener* cannot yellow, discolor, chip, peel or flake as there is no surface film that can show signs of wear or abrasion.

### BENEFITS:

- **Dustproofs**
- **Improves wear resistance**
- **Resists staining**
- **Provides flame retardant, non-toxic surface**
- **V.O.C. compliant**

**COMPOSITION:** A combination of silicates, neutralizers and penetrating agents.

**LEED CREDIT CONSIDERATIONS: MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, IL. 60901. 90% Content Harvested within 500 miles.

PHYSICAL DATA:	APPROXIMATE VALUES:
Color:	Crystal clear solution
Solids:	13.50%
Weight/gallon:	9.38 lb. +/- 0.10
Specific gravity:	1.12
pH:	10.00 +/- 0.20
Non-flammable	Non-toxic
V.O.C. levels	This product contains no Volatile Organic Compounds

**TECHNICAL DATA:** Contains no volatile organic compounds. Meets all Architectural Coatings Section 183(e) Final Rule Limit for concrete sealers.

**COVERAGE:** Coverage rates will vary with the absorption rate of the concrete. Approximate coverage rate is **150 to 250 square feet per gallon for most flatwork surfaces.**

### APPLICATION:

**New concrete:** Although *H-30 Hardener* will aid or help promote improved curing, it is not intended as a curing compound and should be used primarily as a sealer / hardener on cured concrete only. It is recommended to wait approx. 3-7 days before applying to new concrete for maximum absorption into the surface.

**Existing concrete:** Use *Specco Enviro Clean & Etch C-30* for cleaning the old concrete surface prior to applying *H-30 Hardener*. A dirty or spotted floor will result in uneven sheen. The surface should then be thoroughly cleaned and well-rinsed and allowed to dry before application. For use as a sealer on fully cured existing concrete, apply *H-30 Hardener* over the thoroughly cleaned, well-rinsed surface that has been allowed to dry at least 24 hours.



601 NORTH 5TH AVE • KANKAKEE, IL • 60901  
630-257-5060 [SPECCO.com](http://SPECCO.com)





**APPLICATION (CONTINUED):** *H-30 Hardener* may be applied by spray or brush. Spray method is recommended. Do not thin. Apply *H-30 Hardener* evenly to the concrete to the point of saturation. **DO NOT PUDDLE.** See Cautions. Protect the freshly coated surface from dust, rain, condensation, and traffic while drying. Equipment and tools may be cleaned with soap and water immediately following use.

**CAUTIONS:** Do not puddle or over apply. If *H-30 Hardener* is puddled in excess and allowed to dry, it can leave a white carbonate residue on the concrete surface. This residue can be removed using pressure washer and light abrasion. Do not use *H-30 Hardener* on colored concrete. Do not use if the temperature is 45° F and dropping. Do not apply to frozen or frost filled surfaces. Do not use where water or moisture prevails. Surfaces coated with *H-30 Hardener* will be slippery until dry.

**GHS HAZARD RATINGS: WARNING:**



**Irritant: Skin/Respiratory Irritation.**

**FIRST AID: Refer to product S.D.S. (Safety Data Sheet) for complete health and safety information before using this product. FOR MEDICAL EMERGENCIES ONLY –CALL INFOTRAC AT 800-535-5053.**

**WARNINGS & SAFETY INFORMATION:** *H-30 Hardener* is relatively safe to use. Keep containers closed. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Keep away from food and drink. Wash hands thoroughly after use and before eating. Do not take internally. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

**H.M.I.S. CODES:** HEALTH = 1, FLAMMABILITY= 0, REACTIVITY = 0, PERSONAL PROTECTION = C (GLOVES, GOGGLES, APRON)

**SHIPPING NAME:** Contains Sodium Silicate, CAS#1344-09-08 - Not regulated by D.O.T.

**SHIPPING CLASS:** ITEM 33880, SUB 2, Freight Class 55 Concrete Sealer, Water-Based

**PACKAGING:** 5 & 55 gallon containers

**STORAGE:** 40° to 90° F. Keep from freezing

**SHELF LIFE:** 1 year properly stored. Depending on storage conditions, the shelf life may be extended.

**WARRANTY:** Specco Industries Inc (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its representatives, in writing or orally, shall alter this warranty. **SPECCO MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages.** Specco does not authorize anyone on its behalf to make any written or oral statements which in any way alter Specco's installation information or instructions in its product literature or on its packaging labels. **Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by or through Specco. Specco has no control over Specco application standards adherence, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes.** Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. **Revised 06-04-19**



601 NORTH 5TH AVE • KANKAKEE, IL • 60901  
630-257-5060 [SPECCO.com](http://SPECCO.com)

