

HARDBRIGHT 1315 VOC CURE & SEAL



“The Innovating Company”

PRODUCT DESCRIPTION

HARDBRIGHT 1315 VOC CURE AND SEAL is an acrylated solvent base concrete curing and sealing agent in a VOC compliant formula. It has been specifically formulated for curing, sealing, dust proofing and as water repellent for concrete. It may be used for curing, sealing and protecting plain and colored concrete, masonry, precast concrete and cementitious overlays. Recommended for use over new and old concrete, Stamped Concrete, DecoTop Overlay, acid stained floors and any other concrete or masonry surface where a clear bright finish is desired. **HARDBRIGHT 1315 VOC** clear is non-yellowing, resistant to oil, gasoline, grease, acid, deicing salts, ultra violet rays, wet and dry abrasion, and most household chemicals. **HARDBRIGHT 1315 VOC** contains unique resins and solvent formulations designed for maximum penetration into the concrete pores providing great adhesion to the surface. It enhances the color of stamped concrete, overlays and acid stained floors, and it adds life to your decorative concrete surface while creating a hard and long lasting protective shield over the concrete surface. **HARDBRIGHT 1315 VOC** is a ready to use product. It should not be diluted with xylene, toluene or any solvent. Do not thin. Use straight from the pail.

ADVANTAGES

- Meets VOC regulations of all states, CA and NY inc.
- Meets ASTM C-1315, Type 1, Class A
- Meets ASTM C-309
- Water repellent.
- Non-yellowing
- Allows vapor passage.
- Dries water Clear
 - Penetrating.
- Fast drying.
- Enhances color of decorative concrete.
- Reduces alkali/efflorescence attack.
- Resistant to chemicals.
- Prolongs life of surface.
- Maintains surface cleanliness.
- Ease of application - no mixing.
- Prevents mildew and fungi.
- Improves weathering resistance of natural and manufactured brick products.

APPLICATIONS:

AS CURE AND SEAL: Apply immediately after the final finishing is complete and all the surface water has disappeared. Use an airless sprayer or roller and apply at a rate of 200 to 300 square feet per gallon. A second coat may be applied as soon as it is dry enough to walk on (about one hour)

OVER EXISTING SURFACES: HARDBRIGHT 1315 may be applied over masonry, cementitious overlays and plain or colored concrete. The surface must be sound, dry and free of oil, grease, curing compounds and any other foreign material that may inhibit the penetration of the sealer into the surface.

PLAIN CONCRETE AND MASONRY SURFACES: HardBright 1315 cure and seal has to be able to reach the capillary canals to effectively bind itself to the concrete. The surface must be completely free of oil, grease, curing compounds, other coatings, water repellants and any other foreign material that may inhibit the sealer adhesion to it, and it must be porous enough to allow sealer penetration. Roughen up non-porous surfaces or power troweled concrete with a mild muratic acid-water solution (1 to 20) or by mechanical means (shot blaster, sand blasting, scarifying, etc. Degrease the floor with DecoClean concrete cleaner using a floor buffer and a black pad then test for water absorption. If water beads on any section of the floor repeat the process until contaminants are completely removed. When applying on interior floors all ignition sources must be eliminated, extinguish pilot lights, turn off heaters and adequate ventilation must be in place to eliminate accumulation of flammable gases. Applicators must wear proper protecting gear and solvent approved respirators.

STAMPED CONCRETE: Stamped concrete should be washed as soon as possible to remove the release powder, dirt or other contaminants. Apply as soon as surface is dry and there are no puddles.

ACID STAINED FLOORS: Acid etched or Acid Stained floors should be neutralized with a baking soda and water solution (1 lb. baking soda to 5 gallons of water) or DecoClean and water (1 part DecoClean 10 parts water), or a water-ammonia solution (1 cup of ammonia per 5 gallon of water), after neutralizing rinse until floor is residue free and rinse water is clean. It is important that there is no residue on the surface and the concrete is dry before application.

APPLICATION:

HARDBRIGHT 1315 cure and seal may be applied by paint roller (1/2” to 3/4” nap), or sprayer. Apply two or more thin coats. Allow to dry tack free between coats. One gallon covers approximately 200 Square feet. Dry time is approximately 2 hours at 70°F (21° C), but varies depending on temperature, wind and humidity. Protect the application from rain for 24 hours. Allow 12 hours at 70 0 F (21 0 C) before opening area to traffic. Equipment may be cleaned with Xylene.

LIMITATIONS:

- Substrate may be damp but there should be no standing water.
- Do not apply at temperatures below 45°F (7°C). Maintain temperatures above 45°F (7°C) for a minimum of 24 hours after application.
- Do not apply if rain is expected within 24 hours of completed installation.
- Do not apply other coatings (epoxy, urethanes, etc.) over this material.
- Do not install concrete overlays, other toppings or surface treatments over this material.
- Do not install in enclosed structures without adequate ventilation. • Test area for sealer acceptance and desired results. Always test before applying over decorative concrete floors.

TECHNICAL DATA AND SPECIFICATIONS:

Coverage Rate.....200 ft² per gallon
 VOC.....343 Gms x liter
 Color..... Water clear
 Water Miscible..... No
 Solids......25 %
 Shelf Life.....1 year
 Recoat Time.....1 to 3 hours
 Application Temperature.....45°F to 90°F
 Flash Point:.....-4° Degrees

CHEMICAL RESISTANCE:

Reagent: Rating:

Transmission Fluid.....No effect
 Gasoline.....Slight softening of film
 Motor Oil.....No effect
 5% Sulfuric Acid.....No effect
 30% Hydrochloric Acid.....No effect
 Detergent.....No effect
 Brake Fluid.....Softened film

PRECAUTIONS:

FLAMMABLE: Contain (xylol) and other solvents. Vapor and spray mist maybe harmful. Overexposure may cause lung damage and allergic skin and respiratory reactions. Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness, and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Do not breathe vapor or spray mist. A **POSITIVE-PRESSURE, SUPPLIED-AIR RESPIRATOR IS RECOMMENDED** with eye protection, gloves, and protective clothing during application. A vapor particulate respirator may be appropriate where airborne monitoring demonstrates vapor levels below ten times the applicable exposure limits. In all cases, follow respirator manufacturer’s directions. Do not permit anyone without protection in the working area. Keep away from heat, sparks, and flame. **VAPORS MAY CAUSE FLASH FIRE.** Close container after each use. Use only with adequate ventilation. Do not breathe vapors, spray mist, or sanding dust. Do not get in eyes or on skin. Wash thoroughly after handling.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. If breathing difficulty persists or occurs later, consult a physician and have label information available. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call a physician. For skin, wash thoroughly with soap and water. In case of ingestion, **DO NOT** induce vomiting. Get medical help immediately.

IN CASE OF: FIRE – Use foam, CO2, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of in accordance with applicable regulations.

DISPOSAL: Empty container with product residue may still be flammable; follow all hazard statements until it has been disposed of. Consult your sanitation department for more information on disposal of empty containers. Contact your local or state-designated environmental agency for information concerning re-use, recycling, or disposal of solvent-borne paint.

WARRANTY: DECOSUP warrants this product to be free from manufacturing defect. Since no control is exerted over its application and use, DECOSUP makes no warranty, either expressed or implied, concerning this product. Seller and manufacturer's obligation shall be limited to replacing that portion of the product proven to be defective.



Made in USA
For professional use only
Consult Material Safety Data Sheet before use.