

COHILLS PRO SERIES[®] CLEAR SEAL HIGH SOLIDS

Cohills Pro Series[®] Clear Seal HS - 25% solids is a solvent-acrylate based sealer for interior or exterior concrete that can be applied both vertically and horizontally. **Cohills Pro Series[®] Clear Seal HS Sealer** will reduce the damage caused by salt, water, UV Light and are highly resistant to oil and some chemicals. The glossy finish of this sealer brightens the natural coloration of aggregates, enhancing their architectural and esthetic qualities with a lustrous seal. It may also be used as a curing compound as needed.

Applications include, but are not limited to: Colored Concrete, Stamped Concrete, Curbing, Brick, Stucco, Block, Mortar, Pavers and most other cementitious material.

» Product Availability & Coverage

- **Cohills Pro Series[®] Clear Seal HS Sealer** is available in 1 gallon containers and 5 gallon pails.
- Coverage is approximately 200 - 300 square feet per gallon for the 1st coat application and 300 - 400 square feet per gallon for additional coats. Coverage may vary due to surface porosity and surface conditions. ***Do not*** over apply.

» Surface Preparation

Remove all dirt, dust, oil, grease, asphalt, and foreign mater. Restore surface by patching, grouting and filling cracks and holes. Surface should be thoroughly dry and free of any moisture. Care should be taken when applying to colored concrete. Make sure surface is fully cured or coating failure, chalking and adhesion problems will occur.

Test for moisture: Coating system bond failures on slabs on grade and elevated/lightweight concrete caused by moisture vapor transmission are the industry's largest single problem and result in extreme frustration from owners, clients, and contractors. **Cohills Building Specialties, Inc.[®]** recommends testing for moisture vapor transmission. The recognized methods are:

a. **ASTM-F-1869 – Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride:** The maximum allowed water/vapor transmission rate is 3 pounds per 1,000 square feet per 24 hours.

» Surface Preparation continued

b. **ASTM F-2170 – Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using In Situ Probes:** This test measures the relative humidity in the slab below the surface. If taken over a period of time, it will show the rate of drying in the slab. The maximum relative humidity should be below 80%.

c. **ASTM-D-4263 – Plastic Sheet Test:** This test only gives an indication that moisture may be present and should never be used as a basis of decision.

» Application

Apply **Cohills Pro Series[®] Clear Seal HS Sealer** to form a continuous, uniform film by spray or a short-nap roller with a phenolic core. Sprayer should have neoprene seals and hose. Clean all tools immediately after use with Xylene. **DO NOT OVER APPLY.** **Cohills Pro Series[®] Clear Seal HS Sealer** is a high solids coatings. Over applying the sealer may result in bubbling, coating imperfections and wasted material. Do not apply under windy conditions or in temperatures above 90° F or temperatures below 45° F. **Cohills Pro Series[®] Clear Seal HS Sealer** will be ready for light foot traffic or second coat in approximately 1 hour, normal traffic within 4 - 8 hours and will achieve maximum hardness after 24 hours. Sealer will not freeze. **Store with lid tightly closed.**

» Precautions

- **DANGER: FLAMMABLE LIQUID**
- **RECOMMENDED USE BY PROFESSIONALS**
- **NEVER APPLY AROUND HEAT SOURCES SUCH AS WATER HEATERS, FURNACES, ETC**
- **AVOID CONTACT WITH SKIN AND EYES**
- **READ MATERIAL SAFETY DATA SHEET BEFORE USING**
- **KEEP OUT OF REACH OF CHILDREN**

Slip and Fall Precautions: OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. **Cohills Building Specialties, Inc.®** recommends the use of angular slip resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. **Cohills Building Specialties, Inc.®** or its sales agents will not be responsible for injury incurred in a slip and fall accident.

» Precautions continued

Moisture Vapor Emissions Precautions: All interior concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of the coating system. It is the coating applicator's responsibility to conduct calcium chloride and relative humidity probe testing to determine if excessive levels of vapor emissions are present before applying any coatings. **Cohills®** can supply moisture remediation products. Consult our technical service department. **Cohills Building Specialties, Inc.®** and its sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

» Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither the seller, nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product which is proved to be defective and must be received in writing within (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss or damage resulting from use of this product.

***Refer to Cohills® Technical Bulletin CBS082013 Warranty-Disclaimer-Precautions for additional information.**

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