

SUPER HARD

Concrete Surface Densifier

DESCRIPTION

SUPER HARD is a non-hazardous sealer solution that penetrates and densifies concrete, increasing the service life of the surface. Application of SUPER HARD to concrete results in a wear-resistant, dust-proof surface by reducing the porosity and permeability of the matrix. Since it is not a membrane-forming sealer, this product will not peel, scratch off, or wear away as a result of traffic erosion. After the surface has been treated with SUPER HARD, it can be polished to attain a high-sheen finish. SUPER HARD is formulated as follows:

SUPER HARD-S is a low-cost sodium silicate densifier,

SUPER HARD-PL is a high quality, easy to use, potassium silicate and lithium silicate blended densifier.

SUPER HARD-L is a premium, easy to use, lithium silicate densifier.

FEATURES

- ★ Increased surface strength
- ★ Improves polishability
- ★ Reduces dusting
- ★ Increases the useful life of the concrete

PREPARATION

Clean dirt, wax, grease, oil and other contaminants from the surface. Be sure to remove any previous coating. Carbonate concrete should be abraded prior to application to expose the free lime.

APPLICATION

Fresh concrete should be properly cured for a minimum of seven days before silicate is applied. (Refer to ASTM standards for proper curing methods.) SUPER HARD may be satisfactorily applied to clean concrete at any later date. All concrete surfaces should be clean and completely dry prior to application. SUPER HARD should be applied to concrete surfaces with a sprayer, brush, roller, or squeegee. Any liquid that is not absorbed by the surface within five minutes should be removed or relocated via squeegee to more absorbent areas. Liquid left to dry on the surface may result in the formation of a crystalline substance that should be removed with hot water and scrubbing as soon as possible. Allow the surface to dry between coats. At least two coats are recommended, but the final application is determined by the saturation of the substrate. The process is complete when the solution is no longer readily absorbed by the concrete. Even application of the material is important to obtain a uniform surface density. Reapplication is required when the surface has worn to point that the solution had not penetrated. Free silicate can interfere with the adhesion of any paint or coatings to be applied of the hardened surface. Alkali-resistant coatings should be used.

NET COVERAGE RATE

200-400 ft² per gallon depending upon the porosity of the concrete.

TECHNICAL DATA

VOC: standard <0g/L

Flash Point: N/A

HMIS

Health	1	Flammability	0
Reactivity	0	Protection	B

CLEANUP

Clean tools with water.

MAINTENANCE

Re-application is required when the surface has worn to point that the solution had not penetrated.

DISCLAIMER: Since manufacturer has no control over handling, use or storage; no guarantee expressed or implied, is offered. Clemons Concrete Coatings warrants the product to be free of defects and will replace or refund the purchase price of said products proven defective. Labor cost and/or other consequential damages are not covered by this warranty. Responsibility for claims of any kind is strictly limited to the purchase price of the product. The suitability of the product for any extended use shall be solely up to the user.

Made in USA

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