

# ALL CRETE DENSIFIER



All Crete Densifier is a water based blend of 100% active sodium silicate and silicate polymers that penetrate the surface to increase density, hardness, and strength of the concrete. Those properties reduce dusting, tire marks, and maintenance on the surface. All Crete Densifier penetrates deeply into the surface filling the pores and capillaries of the concrete and reacting with the free lime and calcium carbonate therefore yielding a protected, hardened, and dense floor.



## PRODUCT HIGHLIGHTS

- Effective on new and old concrete surfaces and very easy to maintain.
- UV stable and resistant to abrasion and scuffing.
- Non-flammable and odorless formula for easy indoor use.

## Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	NA
Dry Time - Tack Free	1 - 2 Hours
Dry Time - Foot Traffic	12 - 24 Hours
Dry Time - Heavy Traffic	24 - 48 Hours
Re-Coat Time Window	2 - 3 Hours
Application Temperature	50°F - 80°F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Clear (May show slight haze)
Appearance - Dry	Crystal Clear



WATER BASED



LOW VOC



EASY APPLICATION



UV STABLE

## APPROXIMATE COVERAGE RATES

200 - 400 sqft/gal

\*Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. Excessive build up should be avoided.

## Shelf Life

All Crete Densifier has a shelf life of up to 1 year in an unopened container

## Packaging

All Crete Densifier is available in 1 gallon, 5 gallon and 55 gallon containers

## Instructions For Use

**SURFACE PREPARATION:** Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure. For cure & seal applications, this product may be applied when damp (not "wet") to freshly placed concrete surfaces. Horizontal surfaces must be finished and show no "sheen" from bleed water.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. Note that in direct sunlight, substrate temperature can exceed 150° F which can cause extreme bubbling issues.

**MIXING:** No mixing is necessary prior to application.

**APPLICATION: New (Uncured) Concrete:** It is not traditionally recommended to apply All-Crete Densifier to concrete earlier than 28 days. If this application is necessary, ensure the removal of all soft cut saw debris prior to application. Apply at a rate of 200-300 sq. ft. per gallon using an industrial grade sprayer with a 0.5 gal./min. fan tip, lint free mop, or soft bristle push broom. Ensure floor saturation, removing any puddle areas with a soft bristle push broom or mop. Apply more All-Crete Densifier to areas that appear to be more porous and are absorbing the material more. After saturating the floor, mist water on the surface and squeegee the fluid to the next area to be coated or remove with wet-vac. If excess All-Crete Densifier is allowed to dry on the concrete surface, a white residue may form and can only be removed by mechanical means such as sanding or grinding process. Do Not Thin!

**Existing Concrete:** Apply at a rate of 200-300 sq. ft. per gallon using an industrial grade sprayer with a 0.5 gal./min. fan tip, lint free mop, or soft bristle push broom. Ensure floor saturation for 30-60 minutes, removing any puddle areas with a soft bristle push broom. Apply more All-Crete Densifier to areas that appear to be more porous and are absorbing the material more. Rework any excess material with a soft bristle broom. After saturating the floor, mist water on the surface and squeegee the fluid to the next area to be coated or remove with wet-vac. If excess All-Crete Densifier is allowed to dry on the concrete surface, a white residue may form and can only be removed by mechanical means such as sanding or grinding process.

**Polished Concrete:** After completing the 400 grit stage of polishing, apply a saturating, uniform coat of All-Crete Densifier at a rate of 200-300 sq. ft. per gallon using an industrial grade sprayer with a 0.5 gal./min. fan tip, lint free mop, or soft bristle push broom, ensuring floor saturation for 30-60 minutes. Do not allow to puddle. If excess All-Crete Densifier is allowed to dry on the concrete surface, a white residue may form and can only be removed by mechanical means such as sanding or grinding process. Follow through with additional polishing steps until desired appearance is achieved. Additional applications of All-Crete Densifier can be added at any stage before the final polishing phase is done if necessary at a rate of 200-300 sq. ft. per gallon. Remove any excess residue with polishing diamonds or polishing pads. Flushing with water is not necessary. Note: For softer concrete an initial application of All-Crete Densifier can be applied after the 80 grit stage prior to the standard polishing steps to achieve a harder surface.

**PLEASE NOTE:** It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all liquids/coatings and substrates depending on porosity, density, texture etc. If applying by spray method, extended coverage rates may be

## Clean Up

Use soap and water. Dispose of containers in accordance with local, state and federal regulations.

## Product Removal

Attempted removal of this product is not recommended.

## Precautions and Limitations

- This product will freeze during storage. Store at temperatures above 40°F.
- Do not puddle or apply in thick coats. This product should be applied only as explained above.
- This product is harmful if swallowed. Abide by recommended safety guidelines.
- This product is not a curing compound. Use on concrete less than 3 days old may result in a reduction of effectiveness.
- This product was designed for exterior as well as interior decorative concrete.
- It is not recommended to thin product.
- It is recommended to test this product prior to using on entire application.
- The use of high alkaline or acidic cleaners on the treated surface is not recommended and can be damaging.
- Protect metal, glass, wood, brick, and painted surfaces. Wash immediately with clean water if contact occurs.

## Special Notes

Please consult Safety Data Sheets (SDS) and read warranty information prior to use. This information can be requested by contacting customer service at 844-599-2319.

## Warranty

Super Z LLC dba Concrete Floor Supply warrants that our products and the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products and uses is not a representation or a warranty. It is supplied on the condition that you will make your own tests to determine the suitability of the product for your own particular purpose.

Any use or application is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications.

Concrete Floor Supply MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, RELATING TO THE PRODUCTS AND THEIR APPLICATION. THIS INCLUDES WARRANTIES OF FITNESS, DESIGN COMPATIBILITY OR MERCHANTABILITY FOR ANY PARTICULAR USE AND SHALL HAVE NO RESPONSIBILITY OR LIABILITY, INCLUDING DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES, DUE TO INJURY, DELAY OR THIRD PARTY CLAIMS FOR INSTALLATION OR REPAIR.

Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. Upon receipt of merchandise, purchaser has 30 days to notify Concrete Floor Supply in writing that the materials are defective. Defective product means that it is not merchantable and has not been used. Claims after 30 days of purchase are void. Should any of Concrete Floor Supply products prove to be defective within the 30 days from the purchase date, Concrete Floor Supply, at its sole discretion will either replace the material, issue a credit, or provide a refund for the initial paid purchase price of the material.

Certain Products may contain chemicals which may cause serious physical injury. Before using, read the Materials Safety Data Sheet and follow all precautions to prevent harm.