



Densifier Catalyst

*Restores Alkali in Concrete with low pH for
Fast Consistent Sealer Reaction*

DESCRIPTION:

SureCoat Densifier Catalyst (SS-DC) is an environmentally friendly, colorless, non-toxic, nonflammable, low viscosity, low pressure spray applied liquid formulation that provides additional alkali to concrete and masonry substrates to ensure that there is enough alkali in the concrete to produce a consistent reaction with SureCoat Deep Penetrating Densifying Sealers (SS-DPDS). SureCoat Densifiers are formulated to react chemically with the free lime or calcium hydroxide which is produced naturally when cement or mortar paste cures into silicate hydrates. If there is not enough alkali in the concrete, a consistent reaction with the active ingredients of SS-DPDS sealers may not occur to fill small cracks and voids. Therefore, it is recommended that SS-DC be applied 14-16 hours before the first application of SS-DPDS and 30-40 minutes after the last application of SS-DPDS.

pH TEST SURFACE:

Concrete floors require that a pH test be conducted prior to application of SureCoat sealer. The concrete must have a pH reading of 10 or higher. If the pH reading is not 10 or higher, the application of SS-DC must be used to ensure a consistent reaction within a timely manner.

PRECAUTIONS:

Small test area should be performed prior to application. Protect vehicles, glass surfaces, plant life, aluminum, brass, ceramics, glazed tile and wood from overspray. Remove overspray with water immediately. Unprotected areas should be pre-wet with water and rinsed continuously. Eye protection, gloves and appropriate clothing should be worn to minimize skin contact.

CAN ETCH GLASS:

Cover all glass. Remove any overspray immediately with water. Will not penetrate glazed surfaces but will soak into the grout. Over application of the material may cause white deposits to form on the surface. These deposits should be removed by brushing and/or flushing. Do not allow to pond on horizontal surfaces. **Read MSDS before use.**

APPLICATION:

SS-DC should not be stored or applied at freezing temperatures or if the surface has been exposed to freezing temperatures for 72 hours prior. SS-DC must be applied at full strength to attain desired results. Cold temperatures will cause the reaction process to take longer. Shake well before using.

Apply SS-DC at rate of 1 gal per 50 SF, then mist with potable water at a rate of approx. 1 gal per 300 SF; let sit for 14-16 hours. Apply SS-DPDS per specification. Approximately 30-40 minutes after the last application of SS-DPDS, apply SS-DC at approximately 200 sq. ft. per gallon using a low pressure sprayer. Saturate the surface thoroughly but do not flood. Brushes or rollers are not recommended because they do not produce a consistent saturation.

After the application of SS-DC, allow 30-40 minutes for it to penetrate and react with SS-DPDS deep within the open capillaries.

Last, apply a light pressure wash coat of potable water at approximately 300 sq. ft. per gallon to thoroughly rinse off the surface and to remove all surface residues in order to prevent its reaction on the surface with the SS-DPDS. This application of water locks in the sealer and leaves the top of the surface open to accept applications of stains, primers and other coatings.

CLEAN UP: Rinse equipment with cold water. Dispose of empty containers appropriately.

For technical assistance, call a SureCoat Systems' Product Specialist at 877-823-7873.

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