



## INTERNAL CONCRETE SEALER APPLICATION GUIDE

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**Surface Preparation:** No prior preparation necessary other than cleaning of most bare concrete surfaces. Clean visible dirt from concrete before treating. Remove any paint residue or efflorescence with wire brush. Wipe with damp towel if needed. Outdoor concrete could be pressure washed or cleaned with Timber Pro's Clean & Brite formula. ICS may not be applied over painted or sealed surfaces. Concrete should be dry to the touch prior to application, but slight dampness within the concrete can help ICS penetrate. If used on colored concrete, be warned that ICS may flush the coloring matter out of concrete. Cover any nearby glass such as sliding glass doors on concrete patios.

**ICS will permanently etch glass.** On any project perform a test patch to determine visual result prior to final application. On very aged or crumbly concrete, there may not be sufficient alkali to cause appropriate chemical reaction. It may be necessary to pre-treat aged concrete with a watered down alkali solution (see step 1 of Strip & Brite) to inject enough alkalinity into concrete to enable chemical reaction to occur.

**Coverage :** Approximately 200-250 sq ft per gallon depending on porosity and texture of concrete.

**Application:** Apply ICS with roller, brush, pad, or spray. Do not allow to pool. Remove excess with brush or squeegee. Over application or pooling may result in gummy residue. In problem areas where excessive seepage is present it may be necessary to apply additional coats. To test, once ICS has sufficiently dried and cured, tape a hard dry sponge directly to concrete surface. Should the sponge soften and become pliant or damp it indicates that another coat or two may be necessary. Allow ICS to set up and cure 3-4 weeks before applying a top coat of concrete paint or any additional surface sealer. Prior to surface coating clean off any contaminants such as excess alkali, animal urine, or any other contaminants which may float to concrete surface as the crystals form within.

**Clean Up :** Clean tools and equipment with soap and water.

**Safety and Cautions:** ICS is harmless to plants and soil. Do not ingest or swallow ICS. Wear protective clothing to keep product from getting in eyes or mouth. If this should occur, rinse and flush mouth and eyes with clean water for 15 minutes.

Do not allow Internal Concrete Sealer to come into contact with glass! ETCHING OF GLASS WILL OCCUR. Rinse off glass immediately with water to prevent etching. May discolor metal.

**Limitations:** ICS should never be applied if the surface temperature is below or going to drop below freezing. ICS is not intended to be applied over painted or sealed surfaces nor is intended to seal cracks. ICS is best applied to concrete which is slightly damp and moist. ICS is not suitable for use on exposed aggregate surfaces. Also, ICS may push the color out if concrete has colorant added. ICS will not perform adequately if concrete no longer contains free alkali due to age, alkali is required for chemical catalyst action.

**Disclaimer:** Heartwood Corp, distributor, believes this information to be true to the best of our knowledge. ICS is manufactured with the highest quality ingredients and are uniform to all manufacturing tolerances. Since there is no control by Heartwood Corp over the use or application of ICS, no warranty, expressed or implied, is made as to the suitability of product for a particular use or as to the effect of such use, and liability is assumed, directly or indirectly by user and purchaser.

**Limited Warranty:** When applied exactly as directed according to our specifications and coverage amounts, if ICS fails to perform as indicated, Heartwood Corp will provide without charge sufficient product to apply another coat. Proof of purchase required. Labor is not covered by this warranty.