



ICS INTERNAL CONCRETE SEALER

APPLICATION GUIDE & DATA

Concrete Sealer – A professional grade, permanent, non-toxic stabilizer designed to harden, densify, and increase moisture resistance on concrete surfaces.

ICS is a permanent, non-toxic, water-based treatment for raw, unsealed concrete surfaces. The colorless solution penetrates deep into the concrete matrix and forms a durable internal crystallin barrier that reduces porosity, increases surface density, and improves resistance to moisture and impact abrasion.

Ideal for commercial, industrial, and architectural applications requiring structural durability and long-term moisture protection.

PRODUCT FEATURES

Moisture Resistance

Forms an internal mineral barrier to reduce deep water absorption

Adhesion Boost

May improve bonding of subsequent coatings and mastics (test first)

Non-Toxic

Zero VOC, Non-toxic, & 1-2 LEED credits

Permanent

Permanent treatment— no reapplication needed

Surface Hardening

Increases surface hardness and abrasion resistance

Concrete Densification

Strengthens concrete and reduces dusting, pitting, and efflorescence

Chemical Resistance

Resists acid, salt, de-icing agents, and freeze-thaw cycling

Interior & Exterior Use

Durable & safe for both interior and exterior substrates

Plant & Animal Safe

Safe to use in gardens and animal enclosures

Easy Application

Easy spray/brush application & water cleanup



APPLICATION & USE CASES

1 Primary Applications :

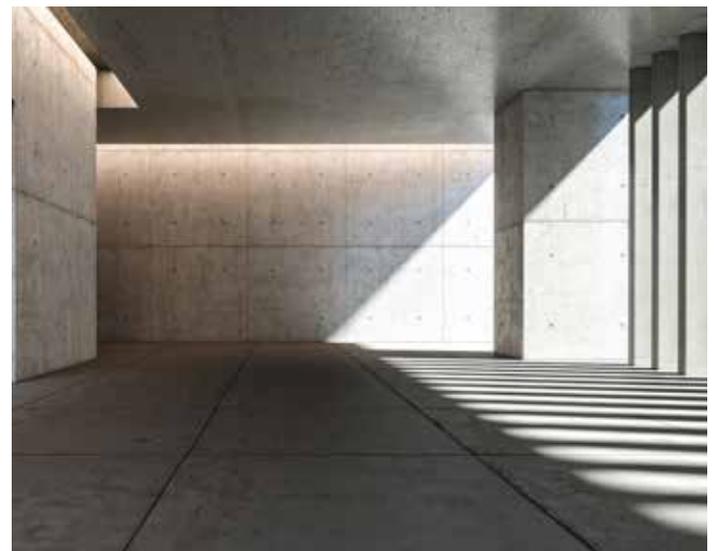
Apply ICS to bare, untreated, dry concrete only. Not intended over surfaces previously coated with epoxy or solid paints.

2 Recommended Pairings :

- ICS + Paver Stain for superior stability, moisture resistance, longevity, UV resistance, pigment and aesthetic durability

IDEAL FOR:

- ▶ Bridges & infrastructure projects
- ▶ Commercial buildings, car garages, basements
- ▶ Concrete slabs, foundations, walls, and stucco
- ▶ Garage floors, patios, sidewalks, and industrial surfaces
- ▶ Shotcrete, standard stucco, mortar, or precast elements
- ▶ Animal enclosures



APPLICATION GUIDE

SURFACE PREPARATION

- ▶ Cover nearby plants, windows, and metal surfaces
- ▶ Surface must be clean, dry, and free of all coatings or contaminants
- ▶ Pressure wash or use Clean & Brite and allow to fully dry before application
- ▶ Perform a small patch test before full application

COVERAGE

Surface Type	Approximate Coverage (per coat)
Smooth, troweled	150-250 square feet/gallon
Rough or porous	100-150 square feet/gallon

*Coverage may vary depending on porosity and condition.

SAFETY INFORMATION

- ▶ Avoid contact with eyes, skin, and glass
- ▶ Do not inhale spray mist
- ▶ Use personal protective equipment
- ▶ See SDS for full safety information

STORAGE

Store above 50°F (10°C) in a sealed, airtight container. Do not freeze or expose to temperatures above 90°F (32°C). Clean tools with soap and warm water after use.

IMPORTANT NOTICE

Proper preparation, product selection, and environmental conditions are essential for optimal performance. Always test before full application. Timber Pro Coatings assumes no responsibility for misuse, application outside the recommended procedure or climate change-induced extreme weather events. For more information or to order, visit the Timber Pro Coatings website.

WARRANTY

The sole obligation of Timber Pro Coatings and its authorized sellers shall be to replace any quantity of Timber Pro Coatings product that is determined by Timber Pro Coatings to be defective in material or manufacture. Proof of purchase is required. Timber Pro Coatings and its sellers shall not be liable for any incidental, consequential, or indirect loss or damage arising from the use, misuse, or handling of this product. All labor costs associated with the application, removal, or replacement of the product are specifically excluded from this warranty. It is the responsibility of the user to determine the suitability of the product for its intended purpose prior to application. By using this product, the user assumes all risks and liabilities associated with its use. This limited warranty is provided in place of all other warranties, conditions, or remedies, whether express or implied, including but not limited to any implied warranty of merchantability, fitness for a particular purpose, or warranties arising from course of dealing, custom, or usage of trade. Timber Pro Coatings does not authorize any distributor, retailer, or third party to make any warranties or guarantees that differ from or exceed the terms of this limited warranty. Timber Pro Coatings disclaims any responsibility for such unauthorized representations.

APPLICATION METHODS

1 Sprayer Application :

Use machine sprayer, HVLP, or pump sprayer with a fan tip. Spray evenly to saturate the concrete. Avoid puddling, drips, or overapplication. Back-brush for even application. Allow 1-24 hours* to dry before applying second coat.

2 Mix-In Application :

Add 2-4 cups of ICS in place of water per 80 lb bag of concrete mix.

*Dry time varies with temperature, humidity, concrete type, and porosity. Apply early, before concrete heats, and avoid direct sun over 74°F (23°C).

WORKING PROCEDURE

- ▶ Apply only in shaded or cool conditions (50–74°F / 10–23°C optimal)
- ▶ **Ensure all glass is fully covered** as product will etch glass. Avoid applying to polished stone or metals.
- ▶ Avoid application if concrete moisture content exceeds 23%, or during rain, high humidity, or if rain is expected
- ▶ Test on a small section and allow to dry before full application
- ▶ Apply 2 even coats
- ▶ **Mix-In Procedure:** Add 2-4 cups of ICS per 80 lb bag of concrete and subtract the same amount of water. Mix as usual and pour shortly after. Final ICS cure develops as the concrete sets and cures. Contact us for large commercial ratios.

Contact Info

Phone : +1-503-232-1705 or +1-888-888-6095 (toll free)

Email : usainfo@timberprocoatingsusa.com

Web : www.timberprocoatingsusa.com

