

Stone Show Nano Enhancer

Enhancer & Protector

Item# 172

USE:

ICT Stone Show Nano Enhancer is a breathable, penetrating, nano-particle, water repellent designed to be used on natural stones, concrete, and other properly prepared masonry surfaces. While providing a unique and beautiful enhancement to the existing color(s) of the substrate, *Stone Show Nano Enhancer* also boasts a resistance to staining which simplifies maintenance & cleaning, and disallows deterioration of the substrate caused by water presence & contaminants carried by water. Nano particle technology allows for deeper penetration into dense substrates. Also available in a low V.O.C., water-based blend, *Stone Show H2O Enhancer (170)*. If color enhancement is not desired, *Stone Show H2O Invisible (171)* should be used instead.

DESCRIPTION:

ICT Stone Show Nano Enhancer is a clear drying water-repellent with immaculate color enhancing properties. *Stone Show Nano Enhancer* has been specially formulated to be the ideal option for natural stones that must allow moisture to escape without allowing moisture the reenter through the non-film-forming barrier created by the proper installation of *Stone Show Nano Enhancer*. By disallowing the penetration of moisture, *Stone Show Nano Enhancer* will also help against other complications cause by the presence of water such as efflorescence, staining, spalling, and some cracking. *Stone Show Nano Enhancer* does not create a film over the surface and will not make the surface any more slippery than before application of *Stone Show Nano Enhancer* once *excess* has been completely removed. *Stone Show Nano Enhancer* will keep surfaces beautiful and protected. Longevity, which is typically around 12-24 months, will be determined by the amount of *Stone Show Nano Enhancer* that is absorbed into the substrate and become part of the structure.

FEATURES & BENEFITS:

COLOR ENHANCEMENT	BREATHABLE
WATER REPELLENT	STAIN RESISTANCE
EASY MAINTENANCE	INHIBITS BIO GROWTH
EFFLORESCENCE RESISTANCE	PENETRATING
NON FILM FORMING	

SURFACE PREPARATION:

1. Clean surface thoroughly with *ICT Total Klean (700)* all purpose degreaser and cleaner to remove dirt and oils. It is recommended that you also use a bleach/liquid chlorine solution to remove any visible or microscopic algae or mildew. Pressure wash and rinse thoroughly.
2. If efflorescence is present, it is recommended that you use *ICT Total Prep (720)* according to product directions. This will aid in the removal of efflorescence and condition / prepare the surface to receive *Stone Show Nano Enhancer*. Rinse or pressure wash thoroughly to remove all residue.
3. *ICT Total Etch & Clean (740)* may be used on dense surfaces to aid in surface profile and better penetration. For best results, apply a test area to determine desired etching of the profile. Rinse or pressure wash thoroughly to remove all residue.

*NOTE: *Total Klean, Total Prep, and Total Etch & Clean should never be mixed together or used without removing all residue between application of different products.*

4. Allow surface to dry.

CHARACTERISTICS AND TECHNICAL DATA

<u>Liquid Properties</u>	<u>Test Results</u>
Weight/Gallon.....	7.20 lbs./gal.
% Solids.....	32%
Gloss.....	No Gloss
Appearance Wet.....	Clear
Appearance Dry.....	Clear/Enhanced Color
Coverage/Gallon.....	60—400 sq. ft. per gal.
Clean Up.....	Mineral Spirits
Dry to Recoat.....	Wet on wet
Return to Service.....	24 hours
Vehicular Traffic....	72 hours
Shelf Life.....	2 years (closed container)
V.O.C.....	< 600 grams/liter
Installation Surface Temperature	min. 45°F

NOT FOR USE IN CALIFORNIA, MIDWEST, or NORTHEAST USA

ICT Corporation

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All Innovative Concrete Technology Corp. products are manufactured with the finest raw materials. Shelf life is 2 years from the date of manufacturing when maintained in protected storage of 50°F to 90°F. It is the applicator's responsibility to determine the appropriate use of the product. All recommendations and suggestions are made without warranty, express or implied, since conditions of use are beyond ICT's control. ICT Corp. disclaims any liability incurred in connection with the use of these data or suggestions.

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APPLICATION INSTRUCTIONS:

ICT Stone Show Nano Enhancer is a ready-to-use product. It requires no mixing or diluting. Shake well before application. Mask to protect any surface near application area that treatment is not desired. Use a brush, roller, or low-pressure sprayer (less than 50 PSI) with a fan or cone tip to apply to surface. On a clean, cool, dry surface, apply *Stone Show Nano Enhancer* making sure to use enough to keep the surface uniformly wet with product for 2-3 minutes prior to penetration. Work in manageable areas at a time, such as 5ft x 5ft—10ft x 10ft. This is make the removal of the excess much easier. Back roll with a 1” foam roller to remove the bulk of the excess. Collect remaining excess *Stone Show Nano Enhancer* with a clean, absorbent towel. Wrapping towels around a stiff push broom can be helpful in removing excess as well. Repeat removal process until all residue is completely removed. *Note: Some surfaces will need additional applications to reach the desired color enhancement.* Apply additional coat(s) as soon as sheen from the previous coat dissipates. Remove excess thoroughly after 10-15 minutes. Any residue left on surface will become slick and difficult to remove. To remove excess left on surface, use *ICT Total Klean Concentrate (700C)* and a mechanical pressure wash or a mechanical buffer. *Stone Show Nano Enhancer* should be allowed to cure for a minimum of 6 hours before receiving foot traffic and 48 hours before receiving vehicular traffic.

ALWAYS APPLY A TEST AREA FOR BEST RESULTS.

COVERAGE:

Coverage rates will vary depending on substrate, textures, porosity, and application methods.

Porous, Textured Surfaces — 75-125 sq. ft. per gallon

Semi-Porous Surfaces — 100-200 sq. ft. per gallon

Dense, Smooth Surfaces — 200-400 sq. ft. per gallon

CLEAN UP & STORAGE:

ICT Stone Show Nano Enhancer cleans up with mineral spirits. Product should be stored in a cool dry environment. Do not leave in direct sunlight. Keep from freezing.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATH VAPORS. DO NOT TAKE INTERNALLY. DO NOT STORE IN DIRECT SUNLIGHT. KEEP FROM FREEZING.

NOTE:

DO NOT apply *ICT Stone Show Nano Enhancer* when surface temperature is below 45°F or is expected to fall to the point before application is dry. Low temperatures and high humidity will effect drying and curing times.

DO NOT apply *ICT Stone Show Nano Enhancer* to new cement, mortar or grout. Allow these products to harden/cure thoroughly before application.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. This product contains a chemical known to the State of California as a developmental/reproductive toxin.



Tomorrow's Technology Today

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