



TUFFCRETE™

WB ACRYLIC WATERPROOFING CONCRETE STAIN CST-2XXX

Features

- Waterborne Acrylic Stain For Interior or Exterior Masonry Surfaces
- Nonfading Formula That Applies Easily
- Scuff and Abrasion Resistant
- Retards Spalling and Dusting
- Rugged, Durable Coating
- Smooth, Satin Finish

Recommended For

TuffCrete™ 100% Acrylic WB Concrete Stain forms a tough, durable film on most interior or exterior masonry surfaces. It may be applied to concrete walls, balconies, patios, pool decks, basement floors, or concrete columns. Apply one coat for a stain look and two coats as an opaque finish.

General Description

TuffCrete™ WB Acrylic Waterproofing Concrete Stain is a water reducible coating designed for interior or exterior masonry surfaces. It may be applied in one coat as a stain, or in two coats as an opaque finish. An ideal choice for either vertical or horizontal masonry surfaces. This product is available in clear, white, ready mixed colors, and a full range of tinting bases. Not for immersion service.

Limitations

- Do not apply in direct sunlight or on hot surfaces.
- Do not apply if the surface or ambient temperature is below 10 °C (50 °F) or more than 32.2 °C (90 °F).
- NOT RECOMMENDED for driveways, garage floors, heavy industrial floor applications, exterior wood surfaces or for other surfaces that will be exposed to vehicular traffic.

Product Information

Colours — Standard:		Technical Data \diamond		Tintable White	
CST-2110, Tintable White CST-2308, Grey Pearl CST-2310, Light Grey		CST-2505, Tile Red CST-2789, Pine Green CST-2922, Desert Sand CST-2100, Clear		Vehicle Type Acrylic	
— Tint Bases:		Pigment Type Titanium Dioxide		Volume Solids 28 ± 1.0%	
N/A		Coverage per 3.79 L at Recommended Film Thickness		41.8 – 51.1 sq. m. (450 – 550 sq. ft.)	
— Special Colours:		Recommended Film Thickness		– Wet 2.9 - 3.6 mils – Dry 0.8 - 1.0 mils	
Contact your dealer.		Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.			
Certification:		Dry Time @ 25 °C (77 °F) @ 50% RH		– Tack Free 30 Minutes – To Recoat 4 Hours – Light Foot Traffic 24 Hours – Heavy Foot Traffic 72 Hours	
The products supported by this data sheet contain a maximum of 250 grams per litre VOC/VOS (2.09 lbs/gal.) excluding water and exempt solvents. This product is compliant as a Waterproofing Concrete and Masonry Sealer.		High humidity and cool temperatures will result in longer dry, recoat and service times.			
Technical Assistance:		Dries By		Evaporation	
Available through your local authorized independent Insl-x® dealer. For the location of the dealer nearest you, call 1-800-225-5554 or visit www.Insl-x.ca		Viscosity		60 – 65 KU	
		Flash Point		93.2 °C (200 °F) or greater (TT-P-141, Method 4293)	
		Gloss / Sheen		Colors: 25-30 @ 60° Clear: >80 @ 60°	
		Surface Temperature at Application		– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)	
		Thin With		Do Not Thin	
		Clean Up Thinner		Warm, Soapy Water	
		Weight Per 3.79 L		4.4 kg (9.8 lbs)	
		Storage Temperature		– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)	
		Volatile Organic Compounds (VOC)			
		178 Grams/Litre 0.67 kg/3,79 L (1.48 Lbs./Gallon)			

\diamond Reported values are for Tintable White. Contact dealer for values of other bases or colours.

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Surface Preparation

Uncoated Concrete - All cured and uncoated concrete must be at least 30 days old, clean, dry and free of oil, grease, dirt, laitance or other foreign matter that could interfere with penetration or adhesion. Grease, oil, release agents and dirt can be removed by scrubbing the surface with a heavy duty oil and grease emulsifier. Rinse well with clean water. Bare concrete must be porous. Most horizontal concrete requires acid etching with a concrete etching product. Follow all label instructions carefully. A properly etched surface should have a texture like medium/fine sandpaper.

NOTE: Extremely smooth or dense pre-cast panels should be aggregate blasted or acid etched prior to application of the stain in order to assure adequate penetration and adhesion.

Previously Coated Concrete - Remove all oil, grease, dirt, loose paint or other foreign matter. Scrub the surface with a heavy duty oil and grease emulsifier. Rinse well with clean water and allow it to dry thoroughly. Glossy surfaces must be sanded to remove all gloss. A test area to insure applicability is recommended. Acid etching of painted or sealed surfaces is neither required nor recommended.

Coating Preparation- Be sure coating is mixed thoroughly prior to application. If more than one batch number is being used, it is a good idea to intermix gallons in a larger container to assure colour uniformity.

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 a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php.

Application

TuffCrete™ 100% Acrylic WB Concrete Stain may be applied by nylon brush, short nap roller, airless, HVLP or conventional spray. Apply material in a uniform, even coat at up to 51.1 sq. m. per 3.79 L (550 square feet per gallon). Actual spread rate is determined by surface texture and application technique. Always attempt to coat large surface areas by painting up to natural breaks or in defined sections in order to reduce the potential for lap marks. For horizontal applications, allow to dry a full minimum of 24 hours before light foot traffic and a minimum of 72 hours before heavier foot traffic. Periods of high humidity, low temperatures or applying a heavy coat will extend the dry time. Do not apply in direct sunlight. Do not apply if ambient or surface temperature is greater than 32.2 °C (90 °F) or less than 10 °C (50 °F).

Clean Up

Clean up tools with warm soapy water.

Environmental Health & Safety Information

Use only in a well-ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

Caution: All floor coatings may become slippery when wet. Where non-skid characteristics are desired, a small amount of clean sand may be added. Stir often during application.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Safety Data Sheet for
additional health and safety information.**