



# PREMIERE CONCRETE SOLUTIONS



## PREMIERE X™

## PRODUCT DATA

LOW VOC, HIGH SOLIDS, SOLVENT BASED, ACRYLIC CURING AND SEALING COMPOUND FOR CONCRETE

### DESCRIPTION

**Premiere X** is the first cure and seal of its kind. Its unique two part, pure acrylic copolymer formulation allows **Premiere X** to provide optimum conditions for curing. **Premiere X** provides a tough acrylic film which keeps valuable water within the concrete, allowing the hydration process to reach its maximum potential. Secondly, **Premiere X** penetrates and chemically reacts deep within the concrete's pores to provide a protective layer that will keep moisture from penetrating the matrix, while at the same time allowing it to breathe. **Premiere X** is revolutionary because in the past, concrete owners had to wait for the curing compound to wear off or manually remove it prior to the application of a penetrating sealer. Often the cures would wear away unevenly, causing the owner to go without protection for a period of time. With **Premiere X**, the penetrating layer automatically takes over when the curing layer dissipates, ensuring a complete protection system against intrusion of water and salts. **Premiere X** provides up to 5 times the length of protection compared to standard cure and seals.

### APPLICATIONS

- **Premiere X** is an extremely effective curing agent when applied to fresh plastic concrete. **Premiere X** is more effective than most curing compounds. Its ability to hold moisture in the fresh concrete creates optimum conditions that allow the concrete to reach its ultimate strength and durability through the process of hydration. **Premiere** is designed for exterior concrete. Its use can also minimize crazing and shrinkage cracks. Do not use **Premiere X** on steel hand troweled finishes.
- Concrete flatwork, driveways, patios, walkways, and parking lots
- Concrete pavement, ramps, or barriers

### FEATURES / BENEFITS

- **Premiere X** provides single step protection that used to take two steps and up to a month to do.
- Ensures complete protection. Takes the guesswork out of when to apply sealer.
- Prevents spalling of new concrete surfaces due to freeze-thaw cycling.
- Provides high repellency to external water and salts, yet still allows the concrete to breathe.
- Protects reinforcing steel from the corrosive effects of surface absorbed chlorides and water.
- Provides superior protection up to 5 times longer than standard cure & seals.

### SPECIFICATION COMPLIANCE / APPLICABLE STANDARDS

- NCHRP 244, Series II & IV
- ASTM C-309, Type I, Class A, B
- ASTM C-1315 Type I, Class A, B
- Complies with National Volatile Organic Compound Emission Standards for Architectural Coating, Federal EPA Regulation 40 CFR Part 59

### TECHNICAL DATA

Drying Time @ 70°F (21°C) with 50% R.H.

Dry to Touch	1 hour
Light Traffic	8 hours
Heavy Traffic	12 hours

V.O.C. content:	Less than 350 g/l
Flash Point	1°F 40°C.

### PACKAGING

**Premiere X** is packaged in 55 U.S. gallon drums and 5-gallon pails. 36 pails are shipped on a pallet.



PREMIERE CONCRETE SOLUTIONS  
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## COVERAGE

Coverage rates vary with the condition of the concrete surface.

First coat	200 Ft. <sup>2</sup> /gal	5 M <sup>2</sup> /L
Opt. second coat	300 Ft. <sup>2</sup> /gal	8 M <sup>2</sup> /L

## DIRECTIONS

**MIXING:** Do not dilute. **Premiere X** is packaged ready to use and only requires stirring or agitation prior to use. Thoroughly mix **Premiere X** before applying or loading into application equipment.

**APPLICATION:** Apply **Premiere X** after all bleed water has dissipated. An optional second coat should be applied at right angles to first coat. Apply with a short nap, solvent resistant roller or spray equipment. If spraying, use a low pressure, solvent resistant airless sprayer equipped with a fan nozzle (minimum orifice of .030-.032) or a hand-pressurized sprayer with a "Cats Eye" nozzle (minimum orifice of .010-.012). Ensure that spray equipment is clean and dry before adding material. The optimum spray pattern is an 8-12 inch fan. Hold sprayer tip 6-8 inches from the surface of the concrete. Apply uniformly leaving no pinholes or gaps. Do not allow the material to puddle.

When using a hand-pressurized sprayer it is important to maintain as high an air pressure as possible to aid in spraying.

## CLEANUP

Clean tools immediately after use with xylene, xylol, or toluene.

## STORAGE

Store tightly closed containers away from direct sunlight and sources of heat or flame. Shelf life is one year from date of manufacture.

## PRECAUTIONS / LIMITATIONS

- Do not use on surfaces that have a hand troweled finish. If the surface is too hard to penetrate, **Premiere X** may puddle and form air pockets.
- **Premiere X** is not to be used on surfaces to receive concrete overlays or toppings.
- Not resistant to gasoline or hydraulic fluids.
- Do not use in areas subjected to hot grease or cooking oils, including peanut oil.
- Do not use as a bond breaker for tilt up construction.
- Do not use if ambient or surface temperature is below 40°F (4°C). For best results, condition material to a minimum of 50°F (10°C) prior to application.
- Quality curing or sealing compounds and floor treatments darken or highlight the subtle color variations naturally present in concrete.
- Do not apply over bleed or standing water.
- Applying material when it is cold may cause formation of bubbles due to entrapped air migrating upward from the concrete pores.
- Adjoining glass, metal or painted surfaces should be protected against spray or splash. **Premiere X** may etch or damage these surfaces. Inadvertent splashes should be removed with mineral spirits before they dry on the surface.

## CAUTIONS

**COMBUSTIBLE LIQUID:** Keep away from heat or open flame. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Keep out of reach of children. All label precautions and MSDS must be fully understood before using this product.



*This Product is formulated and labeled for Industrial and Commercial Use only. For best results and safest usage, user is specifically directed to consult the current material safety data sheet and package label for this product.*

Premiere Concrete Solutions warrants its products to be free of manufacturing defects and that they will meet Premiere Concrete Solutions current published physical properties when applied in accordance with Premiere Concrete Solutions directions and tested in accordance with ASTM and Premiere Concrete Solutions standards. Premiere Concrete Solution makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Premiere Concrete Solutions shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. In no case shall we be liable for consequential or special damages. Even if we have been advised of the possibility of such damages. The foregoing warranties are in lieu of all other warranties, guarantees, co-conditions and representations, either expressed or implied, whether arising under any statute. Common Law, usage or trade, course of dealing or otherwise, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.