



# PREMIERE CONCRETE SOLUTIONS



## ULTIMATE™

## PRODUCT DATA

### DESCRIPTION

**Ultimate** is a premium based multi-component penetrating sealer specifically designed for concrete and masonry. **Ultimate** contains a high concentration of silane and other components, which work deep within the surface pores. Although other sealers provide penetrating characteristics, **Ultimate** creates the deepest penetration, reacting chemically to produce a highly effective barrier to the intrusion of water and salt. **Ultimate** can substantially reduce the damaging effects of freeze thaw, dusting, efflorescence, precipitation, moisture and dirt degradation. **Ultimate** will not alter the appearance or texture of the concrete or masonry in any way. Simply put there is no better sealing protection than the **Ultimate** protection.

### APPLICATIONS

- Concrete flatwork, driveways, patios, walkways, and parking lots
- All vertical and horizontal forms of masonry block, and pavers
- Concrete pavement, ramps, or barrier
- Areas where efflorescence, or dusting have occurred

### FEATURES / BENEFITS

- Chemically bonds to concrete and masonry providing long lasting protection up to 5 years.
- Preserves natural appearance and texture of concrete or masonry. It will not darken stain or gloss the surface.
- Prevents spalling of new concrete surfaces due to freeze-thaw cycling.
- Provides high repellency to external water and salts, yet still allows the concrete or masonry to breathe.
- Protects reinforcing steel from the corrosive effects of surface absorbed chlorides and water.
- Protects masonry from efflorescence.

### TECHNICAL DATA

V.O.C Content	565 gm/L	
Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59		
Ultimate has been tested for the following performance standards:		
Scaling Resistance		
ASTM C-672	Passes	
Appearance:	Clear	
Water Repellency-Wind Driven Rain Conditions		
ASTM E-514	100%reduction	
Test	Control (% Reduction)	Ultimate (%Reduction)
Weight Gain		
NCHRP 244	0	88.0%
Chloride Ion Content		
NCHRP 244		
Northern Exposure	0	94%
Southern Exposure	0	98.9%
Drying Time:	@70° F	12 -24 hrs
	@50° F	36 - 48 hrs
Specific Gravity	0.8 @ 25°C	
Flash Point	105°F	

### PACKAGING

**Ultimate** is packaged in 5 U.S. gallon pails, shipped 36 per pallet and 55 U.S. gallon drums.

### COVERAGE

Coverage is highly dependent upon surface texture and porosity and may vary greatly. In some cases a test section may be necessary in order to determine adequate coverage. In general the following rate of 100-150 Ft.<sup>2</sup>/gal, 2.5 – 3.7 M<sup>2</sup>/L is recommended.



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## DIRECTIONS

**SURFACE PREPARATION:** All surfaces to be sealed must be a minimum of twenty-eight days old and/or fully cured. Surfaces must be clean and free from dirt, dust, oil, curing or sealing compounds, or any other contaminants, which would prevent proper penetration. Surface and ambient temperatures must be a minimum of 40°F/4°C. Do not apply to frozen or frosted surfaces. Extremely dense hard troweled concrete finishes or hard fired masonry units, should be given a light acid wash to promote adequate penetration. Protect vegetation and any metal or glass adjoining from overspray. If spills or overspray occur, wipe hard surfaces immediately with a cloth and mineral spirits. Thoroughly rinse vegetation with water.

Prior to sealing, joints and channels should be taped or filled to prevent later adhesion problems.

## MIXING

**Ultimate** is packaged ready to use and requires only mild agitations or stirring prior to use.

## DIRECTIONS

Apply **Ultimate** with a low pressure, airless sprayer. Apply in a uniform manner with a back and forth flow overlapping each pass to ensure uniformity. A second coat can be done in a perpendicular pattern 15 minutes after the first. Follow recommended application rates listed above. Avoid heavy build up in isolated areas.

## CLEANUP

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

## STORAGE

Do not allow to freeze. Store **Ultimate** in tightly closed containers in warm dry area. Shelf life of properly stored material is one year from date of manufacture.

## PRECAUTIONS / LIMITATIONS

- Do not apply when surface temperatures is below 40°F / 4°C.
- Do not apply over membrane forming sealers.
- Do not apply to wet or damp surfaces or if rain is expected within 4 hours of application.
- Inside or confined areas should be properly ventilated.
- All joint materials should be applied before application of **Ultimate**.
- Excessive puddeling, or run down on vertical surfaces may cause discoloration.
- No traffic until product has cured and dried.
- All label precautions and the MSDS must be fully understood before using this product.

## CAUTIONS

Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Keep out of reach of children.



*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.