

### TECHNICAL DATA

**DESCRIPTION:** State-of-the-art, VOC-compliant acrylic emulsion. Applied after finishing to form a membrane that retains mix water, allowing normal hydration. Proper curing is the best insurance to help eliminate scaling concrete and reduce call backs. An excellent anti-spalling compound. Contains no fillers, extenders, waxes or flammable solvents.

- ADVANTAGES:**
- Cures, seals, hardens and dust proofs concrete
  - Protects fresh concrete from stains, fungus, spalling and damage from sudden rainfalls
  - Retards moisture exchange in fresh concrete, giving additional protection for tile, paint, carpet, etc.
  - Helps prevent efflorescence
  - Protects concrete from UV discoloration
  - Protects aluminum, copper and steel from concrete stains

**PHYSICAL PROPERTIES:**

Color:	milky white
Flash Point:	above 200°F (93°C)
Cleveland Closed Cup:	does not require red label
Viscosity:	12 secs. Ford Cup No. 4
Weight:	8.4 lbs/gal (1 kg/L)
Skinning:	none
Cold Stability:	33°F (1°C)
Acid and Alkali Resistance:	good
Wearing Quality:	excellent at coverage of 200-300 ft <sup>2</sup> /gal (5-7m <sup>2</sup> /L)
V.O.C.:	300g/L

- COVERAGE:**
- Steel-troweled concrete**  
 ASTM C 309: 209 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L)  
 Federal Specification TT C 800A: 200 ft<sup>2</sup>/gal (4.9 m<sup>2</sup>/L)
- Broom-finished concrete**  
 ASTM C 309: 109 ft<sup>2</sup>/gal (2.5 m<sup>2</sup>/L)  
 Federal Specification TT C 800 A: 109 ft<sup>2</sup>/gal (2.5 m<sup>2</sup>/L)

- PACKAGING:**
- 5 gal (18.9 L pails)  
 55 gal (208 drums)

### TECHNICAL DATA

#### APPLICATION:

**METHOD:** Apply with spray, brush, long-nap roller or lambs wool applicator. Ordinary garden-type sprayers with neoprene hoses are recommended for best results. Spray uniformly to form, a continuous film.

**CURING NEWLY PLACED CONCRETE:** Application should be made immediately after finishing as soon as bleed water has disappeared and slab can support the weight of an applicator.

**SEALING NEW CONCRETE:** For an excellent sealer and added protection to concrete cured with product, apply a second coat after 28 days of curing. If not previously applied when curing concrete, apply two coats, second coat four hours after first coat. Area to be sealed must be cleaned and free of all foreign matter such as dirt, rubber marks, paint, etc. apply to 300-400 sq. ft per gal/ 7.4-9.8 sq m per L to dry surface.

**DUSTPROOFING AND SEALING AGED CONCRETE:** Defective mortar, open joints and spalling should be repaired. Surface must be structurally sound and free of foreign matter such as grease, oil, dirt, and incompatible sealers and coatings. Untitex CITRI-CLEAN should be used as a degreaser and to remove rubber tire marks, followed by a thorough rinse with clean water. Apply to dry surface at 300-400 sq. ft per gal/ 7.4-9.8 sq m per L, depending upon the porosity. Second coat is necessary for maximum protection. Apply after 4 hours. Drying time at 300-600 sq .ft per gal/ 7.4-14.7 sq m per L.

**DRYING TIME:** (80 F /27 C)  
Dry to touch: 30 minutes  
Light foot traffic: 4 hours  
Normal traffic: Overnight  
Maximum hardness: 7 days

**CARE OF SPRAYER:** To release air pressure from spray can, at night, turn upside down and open valve. When not in use, keep hose and nozzle elevated to drain away from tip. Prior to drying, equipment can be cleaned with soap and water.

#### LIMITATIONS:

Limitations: Test panel should be made prior to application on exposed aggregate, concrete block, stone, pre-cast, colored concrete, etc. Test application should be left for the time specified by the manufacturer. This procedure is recommended due to the thousands of different native stones. This product must be protected from freezing. Do not apply if concrete is below 40 F (4 C). Colored concrete: Best results are obtained by waiting a minimum of 72 hours prior to application. Do not over apply. Test samples are recommended. US Cure & Seal is not for continual immersion in water or around pools or fountains. US Cure & Seal may not provide bond for cementitious or other adhesives. Tests should be conducted to determine bondability with new products. Do not dilute or alter the product in any way. Use in well ventilated areas. For industrial use only.

**CAUTION:** **WARNING!**  
DO NOT dilute or alter this product in any way.  
For use only in well ventilated areas.  
For industrial use only.