

## PROTEC III LSF CHEM-RX PRODUCT SPECIFICATION SHEET

### 1. PRODUCT NAME AND CODE

Protec III LSF Chem-RX Cure/Densifier 18.9 Litre CODE: 10PC18.9  
Protec III LSF Chem-RX Cure/Densifier 205 Litre CODE 10PC205

### 2. MANUFACTURER

Cornerstone Industrial Consulting Ltd.  
Bruno, Saskatchewan CANADA  
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### 3. PRODUCT DESCRIPTION

Protec III LSF Chem-RX is a penetrant non film-forming cure and hardener/densifier. It cures and densifies concrete producing high tensile strength, low porosity and high chemical resistance. It is environmentally friendly with no harmful vapors, VOC Free, and meets **LEED** Requirements.

#### MAJOR BENEFITS

- Meets LEED Requirements
- Zero VOC's
- Approved Food Safe
- Non-film forming
- Increase surface hardness by 67% ASTM C418
- Aids cure by maintaining a 92% greater moisture retention during critical 24 hour cure period
- Compatible with all flooring adhesives
- Compatible with dry shake hardeners
- Eliminates dusting
- Increases chemical resistance

### 4. USES

- Protec III LSF Chem-RX is used on all new and existing interior power trowel surfaces, pre-cast concrete, poured in place walls, driveways, and interior or exterior broom finish concrete.
- Used where a non-toxic low odor sealer is required to meet LEED Requirements.

## 5. PHYSICAL CHARACTERISTICS

### Recommended Coats:

As a Cure: 1 coat required

As a Hardener: 2 coats required

For Chemical Resistance: 3 coats required

Freeze/Thaw Stability: 5 cycles with no damage

Shelf Life: 1 year or more in unopened container

Color: Amber

Flashpoint: Non-combustible

Coverage: Approximately 400 square feet/gallon depending on the surface

Solvent for Cleaning Equipment: Water

Drytime: Approximately 1 hour at 77 F or 25 C

Cure Time: 24 hours

Health and Safety: Refer to MSDS Sheet

## 6. APPLICATION

### INSPECTION:

New and old dirty concrete should be cleaned and then rinsed with clean water if necessary. After washing allow the surface to dry before application of product.

### APPLICATION

- Apply product with a low-pressure sprayer or roller. Apply at recommended square foot coverage.
- Saw cuts need to be coated thoroughly.
- Wait 2 hours between coats.
- Roll out any puddles that form.

FOR CURING CONCRETE: See Protec III LSF Chem-RX additional Curing Information Sheet

FOR NEW EXTERIOR BROOM FINISH CONCRETE: Apply product once the bleed water has dissipated. For added Chemical/freeze thaw resistance on exterior broom finish concrete, apply a 2<sup>nd</sup> coat 24 hours later.

## 7. CAUTION:

For cool temperature applications on power trowel surfaces, apply at 400 square feet per gallon minimum. Specifically take caution to roll out any puddles that form. Dry time is slower in cool temperatures, which may cause more puddling to occur. If heavy puddles dry, they can leave a white residue on the surface of the concrete, which is difficult to remove.

## 8. AVAILABILITY AND COST

Available in 18.9 Litre Pails and 205 Litre Drums

Contact Cornerstone Coatings International Inc. Toll Free 1.866.878.7069 for availability and cost.

## 9. TRANSPORTATION INFORMATION

US DOT HAZARD CLASS: Non-regulated

## 10. WARRANTY

We warrant our products to be of good quality and will replace any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. The user shall determine the suitability of the product for the intended use and assume all risks and liability in connection therewith. Therefore, except for such replacement of product, Cornerstone Coatings makes no warranty or guarantee express or implied including warranties of fitness for a particular purpose or merchantability, respecting its products, and Cornerstone Coatings shall have no other liability with respect thereto. This warranty supercedes all other warranties express or implied.