

## **PROTEC III LSF RESTORE**

### TECHNICAL DATA SHEET

Protec III Restore is a waterbased highly reactive penetrating concrete treatment which produces a permanent density change within the micro-structure of the concrete. Protec III Restore is the same version of Protec III Chem RX but more concentrated.

Protec III Restore is also used for polishing concrete. Protec III Restore is chemically activated by the alkali in the concrete to fill the voids and solidify. This chemical reaction produces a smooth, dense surface for easy grinding and polishing techniques.

\* See [Protec III Restore Polishing Concrete](#) for more information on this process.

For highly porous surfaces such as pre-cast concrete and concrete slats that are exposed to harsh environments in hog barns, silage pits, and fertilizer facilities, the use of Protec III Restore will dramatically lengthen the service life of the facility by increasing chemical and abrasion resistance and thereby reducing renovation costs and down time.

Protec III LSF Restore produces a non-slip, natural looking surface. It is easy to apply and economical.

### USES

Warehouse Floors/Driveways/Hog Barns/  
Dairy Barns/Driveways/Sidewalks/  
Walkways/Curbing/Silage Pits

### BENEFITS

- Meets **LEED Requirements**.
- Increases Surface Hardness and Strength
- Dust-proofs
- Increases Chemical and Abrasion Resistance
- Increases Freeze/Thaw Resistance
- Leaves a Natural Non-slip Surface
- Environmentally Safe with Zero VOC's
- Does not Leave a Surface Membrane
- Helps prevent New Barn Syndrome

### TESTING

Increases hardness of badly  
dusting/carbonated concrete by up to 300%

### PHYSICAL CHARACTERISTICS

Dilution: None, use as supplied

Odor: Mild

VOC's: Zero

Cleanup: Water

Freeze Harm: 5 Cycles No Damage

Dry To Touch: 15 min - 1 hour

Cure: 24 Hours

Re-coat: After 4 hour

Application Temperature: 10-22 C or 50-72 F

Shelf Life: 3 yr in original unopened container

### CAUTIONS

- Protect all surrounding area from over-spray. Wash all over-spray off immediately with water.
- Do not apply when temperature falls below freezing or to surfaces that are frozen.
- We always recommend testing a small area to observe for possible adverse reactions.

#### SURFACE PREPARATION

- Old dirty concrete should be cleaned and then rinsed with clean water. After washing allow to dry before sealing.
- Apply product before repairing cracks in the sub-floor or applying patching or floor-leveling compounds.

#### APPLICATION PROCEDURE

##### NORMAL CONCRETE

- Shake the container well before using.
- Apply by roller or sprayer.
- Apply liberally and saturate all areas.
- Vertical surfaces, apply from the bottom up. Apply at approximately 300 sq.ft./gallon.
- If puddles form and are present 30 minutes after application, roll or brush out.
- Let Protec III LSF Restore dry 4 hours between coats.

##### OLD CONCRETE/SLATS/ PRECAST WALLS/ HOG & DAIRY BARNS/FERTILIZER

##### FACILITIES:

- Minimum of 2 coats are recommended.
- For Hog and Dairy Barns and Silage Pits: Use at approximately 200 square feet per gallon depending on the porosity of the concrete being treated.
- **ALSO SEE: Protec III Restore STRENGTHENS AND HARDENS POOR CONCRETE (pg 6g,6h) for information and application instructions**

#### CLEAN-UP

Clean up equipment with soap and water immediately after use.

#### 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.