

## **PROTEC III LSF RESTORE**

STRENGTHENS AND HARDENS  
POOR CONCRETE

Heavily dusting or carbonated concrete used to require expensive grinding and removal of the affected area, until Protec III LSF Restore was introduced to the market. Protec III LSF Restore chemically changes the micro-density of the poor concrete at the molecular level producing increased strength and durability in the top wear layer of the concrete surface. Dusting of concrete floors from carbonation and poor finishing practices can be restored to its original condition with very little down time and expense. Protec III LSF Restore is compatible with flooring adhesives.

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/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

Freezing Point: -6 C

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

### 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

#### 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.

#### CARBONATED AND DUSTING CONCRETE:

- **Use at approximately 125 sq. ft./gallon.**
- Make sure to keep the concrete surface wet for 30 minutes either by re-distributing the product that has puddled or by adding more product. The idea is to saturate the concrete surface thoroughly.
- Use clean work footwear to walk on the concrete that is still wet with Protec III Restore in order to redistribute or add more product.
- After 1 hour, if there are any puddles remaining redistribute products and allow to dry 4 hours.
- Apply the 2<sup>nd</sup> coat, same as the first and let dry overnight.

- Test the concrete after the 2<sup>nd</sup> coat of Protec III Restore has dried 24 hours to see if the concrete surface is satisfactory. In most cases 2 applications is all that is needed. In the odd, periodic case where more is needed, apply the 3<sup>rd</sup> coat of Protec III Restore according to the 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.

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