



PROTEC III LSF RESTORE

STRENGTHENS AND RESTORES DAMAGED 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 by over 50% for these areas.

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 Resistance
- Increases Abrasion Resistance
- Increases Freeze/Thaw Resistance
- Leaves a Natural Non-slip Surface
- Environmentally Safe/Zero VOC's
- Economical
- Does not Leave a Surface Membrane
- Helps prevent New Barn Syndrome

TESTING

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

COVERAGE OF PRODUCT

- Dusting and Carbonated Concrete use at approximately 125 – 150 sq. ft. per gallon.
- 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.

PHYSICAL CHARACTERISTICS

Coverage: 200 sq. ft per gallon maximum
Dilution: None, use as supplied
Physical State: Liquid
Color: Transparent Amber
Odor: Mild

Freezing Point: -6 C
Freeze Harm: 5 Cycles No Damage
Dry To Touch: 15 min - 1 hour
Cure: 24 Hours
Re-coat: After 3 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 completely before sealing.
- Apply product before repairing cracks in the sub-floor or applying patching or floor-leveling compounds.

APPLICATION PROCEDURE

- Shake the container well before using.
- Apply by roller or sprayer.
- Apply liberally and saturate all areas.
- Vertical surfaces, apply from the bottom up.
- If puddles form and are present 30 minutes after application, roll or brush out.
- Let Protec III LSF Restore to dry 3 hours between coats.

OLD CONCRETE/SLATS/ PRECAST WALLS/ HOG & DAIRY BARNS/FERTILIZER FACILITIES:

- Minimum of 2 coats are recommended.

APPLICATION FOR CARBONATED AND DUSTING CONCRETE:

SEE DOCUMENT: PROTEC III RESTORE APPLICATION FOR BADLY DUSTING OR CARBONATED CONCRETE

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.