



PROTEC III LSF CHEM RX

HARDENER & DENSIFIER & CURE FOR NEW/EXISTING CONCRETE SURFACES

Protec III LSF Chem RX contains highly reactive *silica fume technology*, which produce a permanent density change within the micro-structure of the concrete. Overall hardening, tensile strength, low porosity and high chemical resistance is achieved. Protec III LSF Chem RX has no harmful vapors, and it is Agriculture Food Approved for Registered Establishments.

USES

- Protec III LSF Chem RX is used on all new and existing interior power trowel surfaces, pre-cast concrete, and poured in place walls requiring increased strength and high chemical resistance.
- Anywhere a non-toxic low odor sealer is needed to meet LEED Requirements.
- Polishing Concrete
- Exterior Broom Finish Concrete
- Protec III LSF Chem RX is compatible with flooring adhesives.

COVERAGE OF PRODUCT

- Use at a rate of 200-300 square feet per gallon. Coverage rates are only a general guideline.

TECHNICAL DATA

- ASTM C418 – 67% increase in hardness of the concrete wear surface
- 92 % greater moisture retention during critical 24 hour cure period.
- VOC's - Zero
- Eliminates dusting of concrete
- Compatible with dry shake hardeners
- Increases chemical resistance
- Can be applied to new or existing concrete surfaces
- Environmentally Safe and Permanent
- Produces a permanent shine with use.
- FOOD SAFE: APPROVED
- **Meets LEED Requirements**

CAUTIONS

- Protect surrounding area from over-spray. In case of accidental contact, rinse thoroughly with water immediately.
- Do not apply to frozen surfaces.
- Do not apply to colored concrete for a minimum of 3 days after finishing operations.
- For surfaces not specified, or where concrete may have been previously sealed, we

- Freeze Harm: 5 Cycles No Damage
- FOR HEAVY ABRASION FLOORS (ie. Tracked in gravel and dirt that is being ground into the floor by forklifts)
FOLLOW THESE INSTRUCTIONS: Use 2 coats of Protec III LSF Chem RX making sure the 1st coat dries before applying the 2nd coat. Normal wear and tear does not include heavy abrasion from gravel and dirt, therefore it is highly recommended to keep your floors clean to avoid unnecessary excessive wear.

SURFACE PREPARATION

- 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 PROCEDURE

- Apply product with a low pressure sprayer or roller. Apply at recommended square foot coverage.
- Saw cuts need to be coated thoroughly.
- Apply 2 coats to high traffic floors or floors exposed to high corrosion. Apply the 2nd coat one hour after the 1st coat has dried. Roll out any puddles that form.
- For Curing Concrete see: Protec III LSF Chem RX Additional Curing Information Sheet
- For proper chemical resistance apply 3 to 4 coats.
- For Exterior Broom Finish Concrete: Apply once the bleed water has dissipated. For added chemical/freeze thaw resistance, apply a 2nd coat 24 hours later.
- FOR BADLY DUSTING/ CARBONATED CONCRETE: SEE Protec III Restore
- CAUTION: For cool temperature applications on power trowel surfaces, apply at 300 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 very difficult to remove.

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.