



## L2 LITHIUM TOP COAT

Low Odor - VOC compliant - Easy to apply - Quick drying

L2 - Lithium Top Coat is a unique sealer with a combination of Lithium with other designer material to help form a protective seal or finish coat for polished concrete.

**PREPARATION:** L2 TOP COAT may be applied to existing concrete that is cured. Surfaces must be structurally sound and clean. Remove all foreign materials such as: oil, grease, dirt, bond breakers, and curing agents using the appropriate Chem-Coat Industries surface prep cleaner such as Stampede Degreaser. Follow the appropriate cleaning with thorough neutralizing and rinsing with clean water. If a d-limonene or soy based cleaner/stripper are used, clean treated surfaces with Chem-Coat Industries Stampede Degreaser to remove residues from d-limonene and soy products and rinse thoroughly.

**Coverage Rates & Equipment:**

1. Average spread rate depending on porosity: 1500-2000 sq.ft. per US Gallon // 47 sq.m. per (1) Liter
2. Apply with low pressure sprayer and a micro fiber pad. A synthetic lint free mop may also be used if a micro fiber pad is not available. Do not atomize product.

**Application:**

1. Surface must be clean, dry and free from all foreign contaminants.
2. Use a pump-up sprayer fitted with 0.5 gpm spray tip. Important Always do a small test in an inconspicuous area before project starts to assure compatibility of all products, results and approval. Every concrete slab is different and product results may vary dramatically from each concrete pour or slab. Caution surface may become slippery when soiled with water, oil, grease detergent or any other contaminates. Protect the test area from moisture for 72-hours following application. The following coverage rate and application are offered for estimating only results will vary per concrete slab and application of the product itself.
3. Lightly wet a clean micro fiber pad with fresh L2 TOP COAT and wring out excess, leaving the pad damp.
4. Working from one control joint to another, apply a light, fine spray of L2 TOP COAT to a small section of the floor using a clean, pump-up sprayer fitted with a 0.5 gpm spray tip.
5. Using the damp micro fiber pad and firm downward pressure, immediately spread the L2 TOP COAT to produce a thin, even coating. Spread the product as far as possible while maintaining a wet edge. Properly applied, L2 TOP COAT dries quickly. Stop spreading once drying begins. Be sure to avoid overlapping and overworking product during application.
6. Allow to dry tack free, typically 20-60 minutes depending on temperature.
7. Once dry, if desired burnish using a high-speed burnisher fitted with a pad suitable for use on high gloss finishes. In addition to smoothing and polishing the treated surface, high-speed burnishing heats L2 TOP COAT to help fuse and crosslink it with the concrete for increased durability and longevity. When burnishing a surface temperature immediately behind the burnisher should achieve 90-95F. to assure best results.
8. Repeat steps 1-5 above, as necessary, for the desired finish. Burnish between coats. Apply up to three coats for maximum gloss.
9. Under typical conditions, the surface is ready for traffic within 1 hour of burnishing. Protect from water for 72 hours.
- 10) Temperature: for application should be 50-100°F (4-38°C).
- 11) If L2 TOP COAT is used over Reactive Stains (Acid-Stain) concrete must be thoroughly neutralized and rinsed with Chem-Coat's "Floor Balance" prior to application of L2 TOP COAT. Application may begin as soon as prepared surface is dry and free of all contaminates and ponding water. All residues must be removed from dyes, stains, cleaners as well as any other products used on or around the surface to be treated.

**Precaution:** 1. For indoor use only.

2. Be sure all surfaces not being treated (Example but not limited to: vehicles, plants, buildings and all other surrounding property are protected from over spray, splashing and product areas not being treated with L2 TOP COAT.

3. Use polyethylene or other proven protective material. Do not apply to surfaces which are frozen, dirty or have standing water.

4. Contains: Proprietary water-based liquid which is milky white with a slight ammonia odor. MAY CAUSE EYE AND SKIN IRRITATION. Prevent eye contact. Wear safety glasses or splash goggles depending on application procedures. Avoid prolonged skin contact. If skin is sensitive or becomes irritated, wear rubber gloves. Do not breathe mists. May cause respiratory irritation therefore wear a NIOSH approved dust/mist respirator if needed. Wash thoroughly after handling. Maintain adequate ventilation inside. Dispose of in accordance with local, state and federal regulations.

5. Keep Out of the Reach of Children

**SPECIFIER'S NOTE:** (A) Be sure floor to be treated is protected from all trades during construction (B) Waterproof barrier should be included in the construction of the slab to prevent penetration of moisture from underneath the concrete or masonry flat work.

**Cleanup:** Before product dries use clean water to wash tools and equipment. Immediately wash off over spray from glass, aluminum, polished or other surfaces with clean water.

**Final Results:** Once dry floor is ready to be used although more water resistance can develop over 7 days. Smooth and hardened concrete surfaces should exhibit reduced water absorption and the desired sheen upon drying. Smooth surface are more subject to hydroplaning resulting in slippery when wet.

**Maintenance:** Sweep the floor daily with micro fiber pad or dry dust mop. When needed, dry buff with high-speed burnisher to refresh gloss. Though L2 TOP COAT improves resistance of concrete surfaces from staining, but acid concentrates including foods may etch and stain the floor. Clean ALL spills as quickly as possible. Use Chem-Coat Industries Dazzle Bright cleaner for daily cleaning. Do not use other cleaners, including off-the-shelf and common cleaners, which may contain high pH they can dull the finish. Always test cleaners before using. If additional protective treatments or surface coatings are desired, contact Chem-Coat Industries, Inc.

**FIRST AID:** If ingested seek medical attention immediately. Drink large quantities of water or milk. DO NOT induce vomiting.

Immediately flush eyes for 15 minutes in clear running water while holding eyelids open. Seek medical attention immediately.

**Skin Contact:** Wash contact areas with soap and water. If irritation persists, seek medical attention. Inhalation remove affected person to fresh air. Wash mouth and nasal passages with water repeatedly. If breathing difficulties persist, seek medical attention.

24-Hour Emergency Information: INFOTRAC 800-535-5053

**WARRANTY:** Chem-Coat Industries, Inc. (CCI) warrants that, at the time and place we make shipment, our material will be of good quality and will conform without published specifications in force on the date of acceptance of the order. The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. Chem-Coat Industries, Inc. liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product have been applied. Acceptance and use of this product absolves CHEM-COAT INDUSTRIES, INC. from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of CHEM-COAT INDUSTRIES, INC., its distributors or dealers.

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