

SS ArmourGuard EPX™ System

Industrial Lithium Micro-Coating



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PRODUCT APPLICATION

SS ArmourGuard™ is designed to be applied with **SS DuraGloss 50+™** (for interior application) or **SS DuraGloss 30+™** (for exterior application) as indicated below. Proper surface preparation and product application is essential to product performance. For optimum results, please read instructions in full prior to application.

NOTE: *When applied to surface, color may vary from SealSource® brochures or website. It is recommended to apply a physical sample prior to treatment.*

Equipment Needed for Application

- Mechanical mixer or paint-mixing tool mounted in a drill motor
- Mechanical sprayer
- Roller with a ¼" nap (for manual application only)
- Microfiber pads
- SealSource® diamond-impregnated pads
- Floor burnisher (minimum of 1500 RPMs)

Surface Preparation

ALLOW NEW CONCRETE TO CURE FOR A MINIMUM OF 14 DAYS PRIOR TO APPLICATION.

1. Patch or fill any cracks or other surface damage.
2. Remove any membrane-forming materials, dirt, debris, wax, paint, curing compounds, coatings, or other surface contaminants that may interfere with penetration or adhesion. (If applying over any existing striping, there is no need to remove the underlying stripe.)
3. Apply a test sample to a small area to assess adhesion.
4. To allow proper penetration create a rough surface profile using shot blast, diamond grinding to a 70 resin grit level, acid etch or similar. Sweep and scrub surface with water, using a neutralizing agent if chemical preparation has been used.
5. Sweep area to be treated and scrub clean with water to remove any remaining contaminants, dirt, and dust caused by grinding. Allow surface to dry completely prior to application.

Product Application

Please note that coverage rates may vary depending on surface porosity. Additional applications may be necessary to achieve desired results.

1. Blend **SS ArmourGuard EPX™** with a mechanical mixer to ensure color uniformity, then apply to surface using one of the following methods:

Spray Method: Using a low-pressure, pump-up, airless backpack sprayer or mechanical sprayer out material at 200 sq/ft per gallon (5 m² per liter).

Roller Method: Roll material evenly onto surface at 800-1000 sq/ft per gallon (20-25 m² per liter) with a nap pad no larger than ¾ inch.

2. Allow to dry for a minimum of 2 hours, then spray on a very thin coat of **SS DuraGloss 50+™** (for interior surfaces) or **SS DuraGloss 30+™** (for exterior surfaces) at 1,500-2,000 sq/ft per gallon (50-60 m² per liter). Spread material evenly over surface with a 100% polyester microfiber pad to achieve a consistent, wet appearance. (A thin application may streak; a heavy coat will appear milky or cloudy.)
3. **Interior Surfaces:** When the surface is dry, burnish with SealSource® diamond-impregnated pads using a high-speed floor burnisher (minimum of 1,500 RPMs). Apply a second coat of **SS DuraGloss 50+™** as above and burnish when surface is dry. Keep surface dry for a minimum of 24 hours to allow material to cure properly.

Exterior Surfaces: When surface is dry, apply a second coat of **SS DuraGloss 30+™** as above. Keep surface dry for a minimum of 72 hours following treatment to allow it to cure properly.

For best results, immediately wipe up spills and do not allow puddles or standing water to accumulate on the surface for a minimum of 7 days.

Application in High Humidity

Apply materials as above, increasing cure time to up to four hours prior applying **SS DuraGloss™**. Surface may take up to 14 days to achieve maximum performance under conditions of extreme temperature or humidity.

Product Disclaimers

SS ArmourGuard EPX™ will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces.

Do not allow **SS ArmourGuard EPX™** to come in contact with any glass, fabric, metal, or surfaces that are not going to be treated with **SS ArmourGuard EPX™**. Immediately wipe contaminated surfaces with a clean, water-saturated cloth, then wipe dry with a second clean cloth.

Do not allow traffic until surface is completely dry.

The fast-drying and extremely durable bonding characteristics of **SS ArmourGuard EPX™** and **SS DuraGloss™** will permanently bond to a variety of surfaces and is extremely difficult to remove once cured. It is recommended to mask off and protect areas that could be affected by splatters, splashes or overspray.

Application and coverage rates are estimated and may vary depending on the porosity of substrate, the desired intensity of color and shine, and environmental conditions present during application. For precise coverage rates, a pre-application field test should be performed. Proper application is the responsibility of the user.

DO NOT ALLOW SEALSOURCE® PRODUCTS TO FREEZE