



Epoxy-Seal Pro APPLICATION GUIDE

Important: Read all directions thoroughly. For interior use only including garages, workshops, laundry rooms and basements. Recommended: Wear gloves, safety glasses and protective clothing or apron.

SURFACE PREPARATION

Proper surface preparation is critical to product performance. Always check for moisture in the surface you are coating. To do this, apply a .6m x.6m (2'x 2') sheet of clear plastic to 4 areas of the floor. Tape down edges with duct tape and allow to set overnight (24 hours). If water droplets appear inside the plastic or if concrete appears wet, moisture is trapped and the floor should not be painted.

Surface must be structurally sound, thoroughly cleaned, dry and free from dust, dirt, oils, glossy or loose paint, glue, surface sealers and other contaminants. You may need an oil stain remover such as SEAL-KRETE® Oil Stain Remover to lift stubborn oil stains (follow instructions on the Oil Stain Remover bottle).

Bare Concrete: Concrete must have cured for a minimum of 30 days before application. Etch the surface with Seal-Krete Concrete Etch (included in this kit) to allow for proper penetration and adhesion. Mix the entire contents of the Concrete Etch (mild citric acid) with 7.57 L (2 US gallons) of warm water until completely dissolved. A plastic watering can is recommended. NOTE: Do not use muriatic acid. Mix until dissolved. Dampen floor using a garden hose. Remove excess water with a squeegee or broom to avoid puddles. Spread etching solution evenly over a 3mx3m (10'x10') section of the surface. Let soak in for 3 minutes then scrub vigorously with a stiff bristled broom to loosen dust and dirt and to open up pores in the surface. Keep the entire section wet until it has been etched and rinsed. Rinse thoroughly before starting a new section. Use a foam squeegee to remove the rinse water and dirt contaminants from the floor. Once the entire surface has been etched, rinse and squeegee again to remove any etch that has been tracked on previously etched sections. A wet/dry vac can also be used to remove excess water, dirt and contaminants. Do not leave puddles on the floor. Concrete etch will not discolor driveways or harm grass or plants if rinsed thoroughly. Test the clean, dry floor with a finger to check for dust or powder and repeat rinsing and scrubbing if you detect either. If not, continue to the next step. Make sure

floor is completely dry. **NOTE: If floor is not cleaned and rinsed properly, the coating may not adhere to the surface.** Etching is especially important for smooth-troweled concrete surfaces, but is also recommended for rough finished surfaces.

Previously Sealed Concrete: To determine if your surface has been sealed, drip a small amount of water on various areas of the floor. If the water beads, a sealer is present and paint will not adhere without removal of sealer. Remove the sealer by grinding the floor. Note: we don't guarantee adhesion if applied over previously painted surfaces.

Previously Painted Concrete: Always test the adhesion of previous paint by doing the following:

1. Cut an X through the paint down to the concrete.
2. Apply a 101mm (4") piece of duct tape over the X and press firmly.
3. After 2-3 minutes, completely remove the tape with one quick pull.
4. If more than 25% of the paint under the tape is removed, the paint is not adhering well and should be removed using a concrete floor sander, before coating with Epoxy-Seal Pro.

If paint is well-bonded, remove loose or peeling paint and de-gloss surface by sanding (150-200 grit sandpaper). Rinse thoroughly and let dry. *Sanding or removing paint containing lead may be hazardous. For more information, contact the National Lead Information Center at 1-800-424-LEAD or visit www.epa.gov/lead.*

Surface Cracks: Use a paintable acrylic or urethane caulk to repair hairline cracks. For other cracks up to 9.5mm (3/8") wide, use a flexible, acrylic concrete patch. Let all materials cure fully.

APPLICATION CONDITIONS: Temperature of the air, substrate and material should be between 10°C (50°F) and 35°C (95°F). Relative humidity should not be above 80%. Temperatures should not drop below 10°C (50°F) for 24-48 hours after applying the coating.

MIXING INSTRUCTIONS: Mix Part A for 2 minutes at low speed using a jiffy mixing blade. Then add all of Part B to Part A. If more than one kit is being used, all Part A's should be mixed together in one 18.9 L (5 US gallons) plastic pail to ensure color consistency. Pour mixed paint back into the 3.78L (1 US gallon) cans and fill to previous levels. Replace lid until

ready to mix with Part B. Only mix one kit at a time. Pour all of Part B into Part A and mix an additional 2 minutes. For improved slip resistance, add SEAL-KRETE Clear-Grip, following the instructions on the Clear-Grip package. Mix only the amount of material that can be applied during the pot life (approximately 60 minutes, depending on air/surface temperatures). Apply immediately.

APPLICATION: Trim outer edges with a high quality brush. Apply using a 9.5mm (3/8") short nap roller. Dampen roller, remove excess water, saturate roller with product and apply light, even coats, working in 1.2m x 1.2m (4'x4') sections. Always keep a wet edge and do not allow product to puddle. Let dry 24 hours before foot traffic and at least 72 hours before vehicular traffic. **OPTIONAL STEP:** You may add decorative flakes (sold separately). Working in small 1.2m x 1.2m (4'x4') sections, apply coating and immediately sprinkle flakes onto wet paint. Let dry 24 hours before top coating with Epoxy-Seal Pro High-Gloss Clear.

COVERAGE: One Epoxy-Seal Pro kit will cover up to 23 m² (250 sq. ft.) of smooth, bare concrete (an average 1-car concrete garage floor). You can expect coverage of approximately 11.6m-18.5m (125-200 sq. ft.) on broom finished, rough or porous concrete surfaces.

DRY TIME: Dry to foot traffic in 24 hours. Will accept vehicular traffic in 72 hours. Temperature and humidity can affect actual dry time.

CLEAN-UP: Clean tools and application equipment immediately after use with soap and warm water. Clean spills and drips while still wet with soap and warm water. Dispose of container and contents in accordance with local laws and regulations.

HANDLING: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Avoid storage near extreme heat, ignition sources or open flame. Store away from oxidizing agents. Store away from foodstuffs. Store in cool, dry conditions. Keep containers tightly sealed. Store in a cool, well-ventilated area. **KEEP FROM FREEZING. KEEP OUT OF REACH OF CHILDREN.**

DISPOSAL: Collect with absorbent material. Dispose of in accordance with current local, state and federal regulations.

FIRST AID:

HAZARD STATEMENTS: Causes serious eye irritation and skin irritation. May cause an allergic skin reaction. Suspected of causing genetic defects.

PRECAUTIONARY STATEMENTS: In case of inadequate ventilation, wear respiratory protection. Avoid breathing mist, vapors and spray.

Wear protective gloves, protective clothing, eye protection and face protection. Wash thoroughly after handling.

FIRST AID MEASURES: **After inhalation:** supply fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration and call for medical help immediately. **After skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If

symptoms persist, consult a doctor. **After swallowing:** Rinse out mouth and then drink plenty of water. Do not induce vomiting. Call for medical help immediately. **KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.**

LIMITATIONS

This product is not designed for immersion or any use where moisture can reach the underside of the coating. Do not apply to floors that have been treated with curing compounds (unless completely removed) or substrates that are less than 30 days old. Do not use on vinyl, asphalt, glazed tile, paving brick, quarry tile, Mexican tile or similar materials. Do not apply if surface temperature is below 10°C (50°F).

For more information refer to Safety Data Sheet.

LIFETIME NO-PEEL GUARANTEE: This product includes a lifetime no-peel guarantee when applied to bare concrete using manufacturer's instructions, including, but not limited to, proper surface preparation, application, dry times, recoat times and proper maintenance. This guarantee is non-transferable and requires original receipts. The no-peel guarantee is limited to the replacement of coating for the affected area or a refund of the original purchase price to cover the affected area.

Convenience Products will not be responsible for labor or the cost of labor for removal or application of any product. Contact our technical service department, tech@seal-krete.com, for details on this guarantee prior to painting. Otherwise, manufacturer/seller makes no guarantee of any kind except that this product is free from defect and is of merchantable quality.

TECHNICAL SUPPORT: For more information on surface prep or application guidelines, or to obtain a Material Safety Data Sheet, call 1-800-323-7357, M-F (8:00 am-5:00 pm EST) or visit our website at hp.seal-krete.com.

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Questions or comments? e-mail: tech@seal-krete.com or call 1-800-323-7357

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