



Dura-Shell™ WB APPLICATION GUIDE

SURFACE PREP*

CONCRETE: New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, dust, curing compounds and other coatings or contaminants. Surface laitance must be removed. Rising moisture vapor emission rate must not exceed 3 lb. per 1000 sq. ft. over a 24 hour period as measured by calcium chloride test method ASTM F-1869. The preferred method of surface preparation is to mechanically abrade the floor by diamond grinding to achieve a final 80–120 grit finish, reference profile CSP-2 according to ICRI.

WOOD: Sand new wood to remove any surface contaminant and to lower grain. Previously finished wood should be sanded to provide good adhesion. Test patches are recommended.

ANTI-GRAFFITI SYSTEM: Follow appropriate surface preparation noted above. Use two coats of SEAL-KRETE Dura-Shell WB.

ALUMINUM: Remove all oil, grease or soap film with an alkaline cleaner such as TSP (tri-sodium phosphate).

GALVANIZED METAL: Remove all oil, grease or soap film with an alkaline cleaner such as TSP (tri-sodium phosphate).

**Sanding or removing paint containing lead may be hazardous. For information contact the National Lead Information Center at 1-800-424-LEAD or www.epa.gov/lead.*

MIXING AND APPLICATION INSTRUCTIONS

APPLICATION CONDITIONS: Temperature of the air, substrate and material should be between 50°F and 95°F. Relative humidity should not be above 80%. Spray equipment should be cleaned thoroughly before applying SEAL-KRETE Dura-Shell WB. Two coats are recommended with a minimum of 6 and a maximum of 24 hours dry time between coats.

EQUIPMENT:

Roller: Vertical Surfaces: 1" woven nap roller, Phenolic core

Horizontal Surfaces: 3/8" woven nap roller, Phenolic core

MIXING INSTRUCTIONS: Mix Part "A" by using a low speed drill with mixing attachment for 2 minutes. Add Part "B". Mix an additional 2 minutes. Mix only the amount of material that can be applied during the pot life (approximately 1 hour, depending on air/surface temperatures). Do not aerate the mix. Apply immediately.

APPLICATION STEPS:

1. Clear Coat 1: Dampen roller, remove excess water, then saturate roller with product. Apply in light, even coats. Keep a wet edge and do not allow product to puddle. Allow to dry at least 6 hours and no more than 24 hours before applying a second coat.
2. Clear Coat 2: Apply using same technique as first coat.

APPLICATION AND COVERAGE GUIDE

Steps	Coverage				
	Roller Size		Sq. Ft./ Gal	Mils	
	Vertical	Horizontal			Wet
Clear Coat 1	1" woven nap	3/8" woven nap	250–400	4.0	2.4
Clear Coat 2	1" woven nap	3/8" woven nap	250–400	4.0	2.4

Coverage rates are approximate and for estimating purposes only. Surface temperature, porosity, texture and thickness will determine actual material requirements.



CLEAN-UP, STORAGE AND DISPOSAL

CLEAN-UP: Clean tools and application equipment immediately after use with water first and wipe; then use an active solvent like xylene. Clean spills and drips while still wet with xylene. Dispose of container and contents in accordance with local laws and regulations.

HANDLING: Do not breathe mixed product vapors or dusts. Use adequate ventilation to keep airborne isocyanate levels below the exposure limits. Individuals with lung or breathing problems or prior allergic reactions to isocyanates must not be exposed to vapors or dusts.

KEEP FROM FREEZING: Store in a cool, well ventilated area above freezing.

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

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 50°F.

MAINTENANCE AND CARE

Important: Wait 30 days before rinsing or cleaning surface.

SEAL-KRETE High Performance Flooring Systems are monolithic, making them easier to clean because dirt and contaminants remain on the surface. They are also stronger and more resistant to chemicals than many other types of flooring. It is important to keep the following things in mind when cleaning SEAL-KRETE High Performance floors:

Dirt and Grime: Given that debris remains on the surface, it tends to act as an abrasive and will eventually mar the finish in heavy traffic environments. Therefore, it is important that floors be properly maintained on a regular basis.

Cleaning Agents: Important: Wait 30 days before rinsing or cleaning surface. Clean occasionally with a solution of soap and water or TSP (tri-sodium phosphate) and water. The surface can be spot cleaned with Formula 409® or fantastik® cleaners. If required, the substrate can also be scrubbed with a soft bristle brush or shop broom. Rinse with a garden hose or pressure washer (less than 1200 psi) held at least 18 inches from the surface, using a fan spray pattern.

Tools:

- Mops/Mop Bucket – Use mop bucket with a wringer and 3-gallon standard bucket. For dust removal, use a dry mop.
- Soft-Bristled Brush/shop broom – For more difficult to remove stains, a soft bristled brush may be used to agitate dirt and debris. Be sure to use a brush with soft bristles as hard bristles may mar the surface over time.
- Foam Squeegee – Use a foam squeegee after you mop to remove any excess water.
- Garden Hose or Pressure Washer – For rinsing cleaning agents.

Cleaning Process:

1. Sweep entire floor to remove any loose debris and dirt with a dry mop and/or soft bristled broom. Although SEAL-KRETE Dura-Shell WB cannot be penetrated, these substances will act like abrasives. If they are not regularly removed, then they will wear the floor over time.
2. Clean occasionally with a solution of soap and water or TSP (tri-sodium phosphate) and water. The surface can be spot cleaned with Formula 409® or fantastik® cleaners
3. If required, the substrate can also be scrubbed with a soft bristle brush or shop broom.
4. Rinse with a garden hose or a pressure washer (less than 1200 psi) held at least 18 inches from the surface, using a fan spray pattern.

WARNING: DO NOT TAKE INTERNALLY. HARMFUL IF INHALED. CAUSES IRRITATION. OVEREXPOSURE MAY CAUSE LUNG DAMAGE. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION. EFFECTS MAY BE PERMANENT. VAPOR AND SPRAY MIST HARMFUL.

Caution: Only apply this product with adequate ventilation. The use of safety goggles or glasses, chemical resistant gloves and work clothing covering all exposed skin is highly recommended. Consult Material Safety Data Sheet (MSDS) for additional information.

KEEP OUT OF REACH OF CHILDREN. This product is NOT intended to be used by children.

FIRST AID

If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty occurs, get medical attention immediately. In case of eye contact, flush immediately with plenty of water for 15 minutes, and get medical attention. For skin contact, wash thoroughly with soap and water. For inhalation, remove affected person to fresh air. Provide oxygen if breathing is difficult. Ingestion: Do not induce vomiting. Get immediate medical attention.

WARRANTY: Seller makes no warranty, either expressed or implied, concerning this product, its quality, performance, merchantability, or fitness for a particular purpose other than expressly designated warranty on the product label. Buyer assumes all risk of use and handling of this material.

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.

