RESILIENT FLOOR CARE
NON-RESILIENT FLOOR CARE
SPECIALTY FLOOR COATINGS
RESILIENT FLOOR CARE

This section of the floor preparation and care guide is specific to resilient flooring materials, such as vinyl tile and linoleum. If the following steps are adhered to, you can anticipate excellent durability and gloss for up to one year before stripping is required. Always make sure to read and understand all label precautions, follow good safety practices and use proper protective equipment when preparing and applying any coating.

APPLYING FLOOR FINISH

STEP 1 (Optional) Apply 1 or 2 thin coats of a sealer with a new clean mop, allowing at least 30 minutes drying time between coats.

STEP 2 Apply 3 or 4 thin coats of a finish you have selected, allowing at least 30 minutes drying time between coats. Use clean, dry mop head. Do not use the same mop head that has been used for stripping or cleaning.

STEP 3 Drying times vary. Make sure each coat is completely dry and tack-free before applying the next coat.

STEP 4 If desired, dry burnish after the last coat is dry and tack-free.

STRIPPING

STEP 1 Dilute a floor finish remover as required. Generally one part finish to four parts water will achieve good results. You should never use a concentrated floor finish remover undiluted. Use hot water if available.

STEP 2 Apply diluted floor finish remover liberally to the floor with a clean mop. Allow floor finish remover to remain on the floor for about 10 minutes but do not allow it to dry on the floor.

STEP 3 Scrub thoroughly with a stripping pad and pick up the stripped finish with a wet vac.

STEP 4 Rinse twice with clear water using a new clean mop head.

STEP 5 Let the floor dry and check for a powdery residue or any remaining finish in the corners and along baseboard and restrip where necessary using a baseboard cleaner/stripper.

SUPER WAX OFF
- Removes wax build-up from most types of finishes, including acrylic and detergent-resistant
- Unlocks the molecular structure of the old finish, enabling the wetting and penetrating agents to dissolve and float away all remnants of entrapped soil, stains and waxes
- Completely soluble in hot or cold water and is non-damaging to all types of composition floors

PRO EARTH FLOOR STRIP
- Biodegradable, low VOC, highly concentrated
- Designed for use with Pro Earth Floor Shine, but strong enough to remove conventional metal interlocked finish as well
- Quickly penetrates multiple coats of built up, aged finish

ZIP STRIP
- No-rinse wax stripper
- May be used with or without floor machines and removes heavy wax buildup quickly and easily
- Ammonia free formula is pleasant to work with
**FLOOR FINISHES**

**PRO EARTH FLOOR SHINE**
- Environmentally preferable, zinc-free floor finish
- Durable finish with a rich gloss
- Superb leveling and black heel mark resistance
- Low odor makes it easy to use in occupied areas, such as hospitals and clinics
- Suitable to use for both conventional and high-speed buffing programs

**POLY BRITE**
- Tough, durable metal interlock floor finish
- Dries to a deep, even, high-gloss shine
- Easily maintained and excellent durability
- May be used with conventional low-speed or mop/recoat programs
- Provides excellent burnishing response with no powdering or dusting when using high speed buffing equipment

**POLY FINISH**
- Metal-crosslink, modified acrylic floor finish
- Designed to retain glossy finish but excellent slip-resistance under even the most severe traffic and maintenance conditions
- Defies water spills, detergents, scuff marks, heel marks
- No initial buffing required

**PRO-TEC**
- Innovative metal-crosslink, modified acrylic floor finish product
- Especially designed for light to moderate traffic areas
- Extremely durable finish resistant to wear, scuffing, abrasions and marks
- Protects resilient vinyl tile and non-resilient flooring surfaces

**MAINTAINING YOUR FLOOR**

**STEP 1** Dilute a neutral cleaner with water according to directions.
**STEP 2** Apply with a new clean mop or an automatic scrubber. Do not let the solution stay on the floor for more than 5-10 minutes.
**STEP 3** Rinse with clean water, pick up with wet vac, and allow to fully dry.

**DAZZLE**
- High speed, dilutable finish restorer
- Prolongs the life of a floor finish
- Restores that “wet look”
- Formulated with solvents that soften the finish and facilitate the abrasive action of the pad
- Can be used as a one step floor cleaner/ restorer when using an Automatic Scrubber

**NEUTRA CLEAN**
- Safe yet hard working neutral cleaner for floors and other surfaces
- Low foam makes rinsing easy and leaves a film free surface
- Works well in hard water and contains no harsh or abrasive ingredients
NON-RESILIENT FLOOR CARE

This section of the floor surface preparation guide focuses on the general recommendations required to prepare a bare or previously finished concrete floor for coating. There may be circumstances under which additional or alternative preparation methods are required. The importance of proper surface preparation when applying a floor coating or any finish cannot be over stressed. Always make sure to read and understand all label precautions, follow good safety practices and use proper protective equipment when preparing and applying any coating. Each situation has different circumstances that may need additional instruction. Speak with an expert in such cases.

CLEANING AND DEGREASING THE SURFACE

(Required for bare or previously coated surfaces)

STEP 1. Sweep all loose dirt and debris from surface.
STEP 2. Vacuum or air blast remaining surface to remove additional debris from cracks and pores.
STEP 3. Clean surface with a mixture of water and a good degreaser making sure to follow label instructions carefully. Rinse completely with clean water before surface dries and any loose material is re-deposited.
STEP 4. Allow floor to completely dry.
STEP 5. Test for removal of contaminants and curing agents on floor by sprinkling a few drops of clean water and watch for absorption. If water absorbs in a few minutes, the floor should be clean. On previously coated floors, if the water quickly flows out without balling up, the surface is clean.

CREATING A ROUGH SURFACE OR PROFILE

(Required for bare or previously coated surfaces)

STEP 1. Screen or sand the surface to a dull finish using a 60 or 80 grit pad with a floor machine. Then vacuum the floor and flush thoroughly, wet sweep the surface with clean water to remove any embedded matter, rinse the surface completely again and allow to dry. NOTE: Because it has coating, Acid Etching is not advised.

(FOR BARE CONCRETE)

A. Mechanically abrade the surface with a shot blasting, grinding and/or screening machine.
B. Etch the surface using Oxall Plus following label directions. This method will only work on bare concrete because it is the chemical reaction between an acid (Oxall Plus) and alkaline (concrete) that causes the etching process.

STEP 3. After performing either roughening method, thoroughly flush and wet sweep the surface with a broom and clean water to remove any acid or embedded matter. Then rinse the surface completely and allow it to dry. If the surface is still smooth, repeat etching process.
ANCHOR-IT
TWO-PART EPOXY ANCHORING SYSTEM
• Two-component, 100% solids, rapid setting, epoxy anchoring system
• Packaged in easy-to-use 300 mL dual cartridges that assures the correct portioning and thorough mixing of the epoxy, which is color-coded to assure that mixing is complete
• Wide variety of uses including setting of machine anchor bolts for load-bearing applications. May be applied to dry or damp concrete, or in humid conditions

ARMOR SEAL
LIQUID DENSIFIER FOR CONCRETE
• VOC compliant
• Seals, hardens and dustproofs
• Resists black rubber tire marks on floors
• Lasts longer than topical floor coatings
• Will not scratch or peel
• Environmentally safe
• Water Based
• No odor, no fumes
• Meets USDA requirements for Incidental Food Contact
• Develops a more polished look with age

C-JOINT
TWO-COMPONENT FLOOR JOINT SEALER
• Two component, 100% solid, heavy-duty epoxy joint filler for industrial floors
• May be used for repairing spalls, cracks and damaged joints
• Excellent wear resistance and retains its resiliency over time

CRACK FILLER
TWO-PART EPOXY SYSTEM FOR CONCRETE REPAIR
• Resurface spalled or pitted concrete
• Repair small cracks or fill in uneven wear areas
• Exhibits excellent clarity with good chemical, wear and abrasion resistance

EPOXY WATERPROOFING & PATCHING COMPOUND
WATERPROOF SEALANT FOR MASONRY & CONCRETE PATCHING
• Two-part light gray epoxy patch
• Dries to a permanent, water-resistant bond for a complete seal and repair that is actually stronger than the original surface
• Non-sag gel with excellent adhesion and ease of use as a versatile, general-purpose adhesive mortar that can also be placed on vertical and overhead surfaces
• Cured patch is completely waterproof and has outstanding abrasion and chemical resistance

FILL & FINISH
FLOOR UNDERLAYMENT
• Skim coat up to 30 sq. ft. per lb.
• Compressive strength exceeds 4000 psi (27.58 MPa)
• No sand or aggregate fillers
• Mix with water only
• No priming required
• Exceptional bond to most surfaces
• Polymer modified for superior bond strength
• Feather edge up to 1/2” (1.27cm) in one application
• Flooring Installation Time at 70°F (21°C): 50-60 minutes

RAPID PATCH
EPOXY REPAIR MORTAR KIT
• Non-shrink
• Chemical resistant
• Easy 1:1 mixing ratio for Parts A & B
• Cures in temperatures as low as -20°F (-29°C)
• Open to traffic within 20 minutes
• Meets FDA and USDA requirements
• Low odor

RAPID SET
LOW TEMPERATURE EPOXY BINDER
• Low temperature application, two-component structural epoxy
• Designed to be mixed with graded aggregates for resurfacing at low temperatures (down to 35°F) or for repairs and resurfacing where time is of the essence at higher temperatures
• Will cure to yield a hard, dense abrasion resistant surface in as little as 2 hours after applying

SET QUICK
EPOXY GEL ANCHOR
• High-strength structural adhesive
• Ideal for anchoring dowels, bolts, reinforcing steel and threaded rod
• Easy dispensing and no mixing with pre-illed cartridges as well as bulk packaging
• Moisture tolerant
• Fast-setting
• Non-sag gel consistency
• Excellent adhesion
• Certified to conform to NSF/ANSI Standard 61 by WQA

SURE PATCH
EPOXY CONCRETE CRACK REPAIR KIT
• Three-part system consisting of an activator, base and quartz filler
• When mixed, they create a mortar-like compound providing a high strength, waterproof, wear and corrosion-resistant patch and coating
• Permeates into the pores of crumbling, cracked or split cement

TRUE BOND PATCH
R.T.U. ASPHALT PATCHING COMPOUND
• Ready-mixed compound for repairing holes and expansion joints in asphalt, concrete, brick, stone, wood or any solid base
• Made from a combination of asphalt, resins, hard aggregate, and wetting agents.
• Ready to be used immediately, no priming necessary
• No special equipment needed, no waiting time, and can take traffic immediately
• Will support the heaviest of traffic and is resistant to water

To ensure that the floor is pH acceptable, the floor should be thoroughly rinsed with water removing any trace of residue that might be present from the cleaner/degreaser that was used to clean the floor. To create a uniform surface, it is important to fill holes, voids and cracks in the floor prior to coating. Use Epoxy Waterproofing and Patching Compound to repair large cracks (over ¼”), gaps and holes. Use Sure Patch to smooth over small cracks, pitted or worn areas. Follow the label directions and allow the patching materials to dry before finishing with the new coating.
DURA SEAL

Interior Floor & Wall Coating

DURA SEAL is a waterbased, pre-measured, two-component pigmented epoxy coating that provides a high gloss, durable finish for interior concrete. Non-flammable, no offensive odor and low VOC. DURA SEAL has excellent chemical resistance and protects against acids, brake fluid, solvents, and oils. Available as a clear sealer or in standard colors shown below. Anti-slip additives can be added for slippery areas. Pre-measured components are easy to mix and simple to apply with a short nap roller. Dries in 12-24 hours for traffic, with maximum hardness in 3-7 days (dependent upon temperature; higher temperatures will cause faster dry time). Regular maintenance and cleanup is simple by using any Pro Chem water-based degreaser. DURA SEAL is great for heavy-duty applications in factories, warehouses, showrooms, garages, and service stations. DURA SEAL'S low odor makes it an ideal product to use in facilities such as hospitals, schools and nursing homes where the presence of solvent odors and/or flammability problems would normally prohibit the application of a sealer. Typical coverage is 225-250 ft² per gallon for colors and 300-400 ft² for clear. Available in light gray, red, green, beige, azure blue, handicap blue, black, yellow, sand, and white.*

DURA COAT

Interior/Exterior Coating

DURA-COAT is a tough polyurethane modified acrylic latex coating suitable for use on most interior and exterior floors and steps of wood, concrete, or primed metal.

DURA-GUARD

Interior/Exterior Coating

DURA-GUARD is an alkyd polyurethane floor enamel designed for use on all types of interior/exterior wood, concrete, and bare or primed metal surfaces. This product provides a tough mar, abrasion, and mild chemical resistant film. Outstanding resistance to repeated cleaning, weathering, foot and vehicular traffic.

TRED SAFE

Anti-Slip Coating

TRED SAFE is a tough, abrasive, anti-slip one-part safety coating that has low odor and low VOC. Available in several colors, TRED SAFE is suitable for use on walkways, steps, ramps, locker room floors, boat docks, and a variety of interior and exterior concrete, wood, masonry, brick and metal surfaces. TRED SAFE has a textured, flat finish that will substantially reduce the threat of slippage, resulting in fewer injuries and major cost savings. Typical coverage is 100-125 ft² per gallon. Available in green, walnut brown, red, silver gray, navy gray, bombay, and tinting white.*

SURFACE SEAL

2 Part Epoxy Solvent-Base Polyamide Epoxy Coating

SURFACE SEAL is a premium, 2-component catalyzed, polyamide epoxy coating with exceptionally high gloss, hardness and overall performance. Designed to protect and beautify interior and exterior masonry, metal, and fiberglass, the application possibilities are endless. It produces a heavy-duty, high gloss film that is highly resistant to scratching, scuffing, and various industrial chemicals, including strong acids. Not only does it provide an excellent visual appearance, it is outstanding for use where wearing, abrasion, algae, and mildew are a problem. This high-solids formulation is easy to apply and maintain, making it ideal for residential, commercial, and institutional applications. Can be applied to previously painted surfaces. Coating is not UV resistant and will get dull when used outside. Coating thickness is 3-4 mils when wet and 1.5-2 after drying. *Can be applied to previously painted surfaces.

*Ripe colors may vary. Check the Product Information Sheet for more information.
FIRM GRIP
3-Part Epoxy Skid Resistant Floor Coating

FIRM GRIP is a 100% epoxy three-component coating compound that produces a highly skid-resistant surface. FIRM GRIP is used on areas where slippery conditions exist, such as ramps, stairs, walkways and docks. It is highly resistant to water, chemicals and heavy traffic, and may be applied to damp surfaces and under high humidity conditions. Each 25 pound unit covers approximately 100 ft\(^2\) at 16 mil thickness. Available in tile red, beige, off-white, white, light gray, medium gray, dark gray, light blue, tan, brown, blue, and green.*

<table>
<thead>
<tr>
<th></th>
<th>DURA-COAT</th>
<th>DURA-GUARD</th>
<th>DURA SEAL</th>
<th>FIRM GRIP</th>
<th>SURFACE SEAL</th>
<th>TRED SAFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warehouses</td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Boat Docks</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Hallways</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Stairs</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Ramps</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exterior Use</td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Loading Docks</td>
<td>1</td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Showrooms</td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Concrete Showers</td>
<td></td>
<td>1</td>
<td></td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Factory Floors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concrete Walls</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locker Rooms</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Airport Hangars</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kennels</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chem Resistant</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wear Resistant</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vehicle Traffic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fresh Concrete</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Playing Courts</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skid-Proof Coating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patios</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basements</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walkways</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

○ Good
○ Better
○ Best

HARDWOOD FLOOR CARE

SHOW OFF
- Natural, gentle, non-toxic hardwood floor cleaner
- Contains no harsh detergents or strong alkalis
- Cleans finished wood and no-wax floors quickly and safely, leaving a light-enhanced gloss with no residue
Knowing the answers to the following questions will help our flooring support staff determine the best products and procedures for your floor.

### Floor Type:
- Ceramic
- Composite
- Concrete
- Marble
- Metal
- Terrazzo
- Vinyl Tile
- Wood
- Other

### Estimated Square Footage:
Multiply length x width of area.

### Floor Environment:
- Floor location: inside or outside?
- Environmental conditions of area: temperature, humidity, etc.?
- What is the area used for?
- Will there be foot traffic in the area? Heavy or light?
- Will there be forklift traffic in the area? Heavy or light?
- Will the area be exposed to chemicals? If so, what type?
- Are there cracks or blemishes on the surface? Is repair necessary?
- Is there a pre-existing finish or coating on the surface? If so, what type and what condition?
- What is the moisture level of the surface? If you are unsure, perform the moisture test*.

### Purpose:
What is the intended purpose of the floor care product?
- Protection from erosion, wear, and/or degradation
- Moisture barrier
- Appearance/beauty
- Easy to clean
- Chemical protection
- Anti-slip protection
- Other

*Up to 6 month old concrete will usually have some moisture. Test the area if you are unsure. Tape a large piece of plastic down on the surface and leave for 24 hours. When removing, check to see if there is moisture on the side of the plastic that was touching the surface.