



ARDEX PC FINISH™

Concrete Lithium Polymer for Stain & Wear Protection

High Gloss

For use on polished concrete surfaces

Interior use only

Reactive micro-impregnating SiRE™ (Silicon Reactive Lithium) polymer

Increases gloss, abrasion and stain resistance while lowering maintenance costs

Builds a stain-resistant microfilm with additional coats

ARDEX PC FINISH™

Concrete Lithium Polymer for Stain & Wear Protection

Suitable Substrates

- Newly polished concrete
- Colored concrete
- Concrete toppings (e.g., ARDEX PC-T™ Polished Concrete Topping)
- Existing polished-concrete surfaces requiring restoration

Suitable Applications

- Interior use only
- High gloss
- Suitable for interior, dry environments receiving foot traffic and/or minimal rubber-wheeled traffic, such as retail shops, showrooms, residences and office lobbies
- Not recommended for commercial kitchens; bathrooms; exterior spaces; heavy commercial projects such as sports arenas and shopping mall common areas; industrial projects with constant fork-lift traffic; or environments with chemical staining agents or potential long-term water exposure

Jobsite Conditions

Store between 36°F (2°C) and 100°F (38°C). Do not apply when air, material and surface temperatures are expected to fall below 40°F (4°C) within four hours of completed application.

Step 1: Surface Preparation

After application of ARDEX PC FINISH on ARDEX PC-T™ Polished Concrete Topping, or following final mechanical polish of ARDEX Polished Concrete Topping, clean the surface using a clean, dry dust mop or microfiber mop. Wet cleaning is not recommended, as it may contribute to surface staining.

Step 2: Application

Choose 12–24" microfiber application pads based on the size of the application area and the applicator's comfort level with the application system. Apply ARDEX PC FINISH using a clean, pre-dampened microfiber pad and applicator at a rate of 2,500 sq. ft./gallon, depending on surface profile. Spread material thinly and evenly, completely covering the substrate, coating no larger than 20' x 20' sections at a time. Do not over-apply.

Step 3: Burnishing

Allow to dry for 10–15 minutes. Burnish/buff within 10–15 minutes of being dry with a micro-polisher/burnisher. Burnishing of individual coats is highly recommended to improve the curing process and overall shine. If the floor is not burnished, allow each application to dry at least 30–60 minutes before reapplying the next coat. Buffing between applications with a micro-polisher/burnisher accompanied by a diamond-impregnated pad system is recommended.

Step 4: Additional Coats

Repeat Steps 2–3 depending on surface profile and desired gloss. Additional coats will build a stain-resistant microfilm over the substrate. Do not over-apply. Allow each application to dry at least 30–60 minutes before applying the next coat. It is critical to apply very thin, multiple coats; thick applications may cure improperly, discolor, whiten, or leave streaks and applicator marks.

Step 5: Curing and Protection

Do not clean or scrub the surface for at least 72 hours. Quickly clean up spills. Avoid moisture contact for 72 hours, and do not allow standing water for 14 days. Do not cover the surface with protective plastic sheeting, mats, rugs, or furniture, as this can retard curing and result in a cloudy or whitening effect. Light pedestrian use is permitted within 30–60 minutes; vehicle traffic after 2 hours. Maximum performance may take up to 14 days to develop, depending on temperature and humidity.

Maintenance

Routine sweeping, mopping, washing and mechanical scrubbing of floors with neutral pH cleaners/water is recommended. Do not use acidic, butoxy-ethanol, or citrus cleaners to maintain the floor.

Precautions

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at www.ardexamericas.com.

Care and Maintenance

By routinely cleaning the floor properly, you will maximize its performance, appearance and slip resistance. On-site test areas should be done to confirm compatibility and aesthetic appearance before proceeding.

Recommended Cleaning Tools

Mechanical Scrubbers: self-contained mechanical scrubbers are the most efficient and cost-effective method. Use a cleaning pad that will not mark the surface of the floor, and a functioning vacuum extraction system so all residual, standing water is removed.

Spray Cleaning/Power Washers: power washing is typically combined with chemical cleaning, since hot water under pressure alone may not emulsify oils and grease. Always follow the chemical manufacturer's instructions.

Brooms, Squeegees and Mops: for routine maintenance, a broom, squeegee, or damp mop with water only will effectively clean superficial contaminants. Remove all residual, standing water from the floor.

Daily Cleaning and Maintenance Procedure

A. Once the system is fully cured, routinely sweep, dry mop, and wash with neutral pH cleaners and water. Spot clean areas of concentrated traffic as needed. Dry, microfiber dust mops are recommended, using one continuous motion with overlapping strokes; shake the mop frequently to remove dust and dirt.

B. The use of abrasive brushes or pads is not recommended as part of a daily maintenance program. Mechanical cleaning devices such as auto scrubbers and swing buffers should be used as needed, and must be able to remove all residual ponding water and cleaning agents.

C. Do not use cleaners that are acidic, or that have citrus (d-limonene) or butyl compounds. Highly acidic cleaners may etch or stain the surface and reduce the floor's ability to resist absorption. Test the selected cleaner on-site to confirm compatibility.

Reapplication

Evaluate ARDEX PC FINISH periodically to assess its ability to repel staining agents, and reapply as necessary and in accordance with this technical data sheet for optimum performance.

Notes

- Due to varying traffic frequency, timetables for the above procedures must be adjusted to fit the needs of the space.
- Localized traffic patterns may require more frequent application of the above recommendations.

General Guidelines

Protecting the Floor from Construction Trades and Move-In

Installation of an ARDEX surface should be the last step in the construction process. Other trades should not be working in or around an ARDEX installation without proper protection of the ARDEX surface. Once the floor has fully cured, the newly installed ARDEX surface should be protected from spills, dirt and debris with a temporary, breathable floor protection such as roll-out fiber board.

If the floor will receive excess traffic during a move-in, protection from rolling carts, dollies, racks, gondolas, register wraps, etc. must be planned and implemented. Protection might include placing temporary "roving plywood" on top of the temporary, breathable floor protection to prevent gouging and indentation of the completed floor installation. Where "roving plywood" is used, it should be removed daily.

Tape: Do not use tape (duct, masking, painters, blue, etc.) in direct contact with ARDEX floors, as it can damage the sealed surface upon removal. Spot taping overlapped breathable floor protection such as roll-out fiber board to itself is suitable for this temporary application.

Chair Pads: To avoid marring of the ARDEX wear surface, use felt pads on all areas of chairs and furniture that will come into contact with the floor.

Walk-off Mats: Mats outside doorways and inside entryways will control most of the dirt and debris that would otherwise be tracked inside. Walk-off mats should have sufficient texture to remove dirt from shoes. Non-rubber-backed or open-back style mats will allow the floor to breathe.

Moving Furniture and Equipment: Do not drag or slide equipment or furniture over the surface. Where furniture or equipment cannot be lifted and carried, or where felt furniture sliders or pads will not be used, a temporary, breathable floor protection such as roll-out fiber board may be placed over the floor. Rubber-wheeled carts or dollies may also be used.

Miscellaneous: Use a plate or other moisture-catching foundation beneath potted plants. Use a breathable pad underneath the plate to prevent trapped moisture from damaging the finish. Use smooth-sided plastic mats below office chairs or other recurring, wheeled traffic, since constant abrasion from wheels will scrape and damage the surface over time. Hot tire pickup may damage the floor; allow heated tires to cool prior to parking them on the ARDEX PC FINISH surface, and do not permit tires on the installation until it has fully cured for 72 hours.

Notes

Intended for use by professional contractors who are trained in the application of this product and/or similar products. Please contact ARDEX for a complete list of installers.

Dispose of packaging and residue in accordance with applicable regulations. Do not flush material down drains. Do not reuse packaging.

ARDEX, L.P. Standard Limited Warranty applies.

Technical Data

Technical Data According to Manufacturer Quality Standards	
Coverage	2,500 sq. ft./gallon (varies with concrete quality, porosity, finish, environment and number of coats)
V.O.C. Content	<50 g/L
Color	Clear (High Gloss)
Packaging	5 gallon (18.9 L)
Storage	Protect from freezing. Do not heat. Store between 36°F (2°C) and 100°F (38°C).
Shelf Life	1 year in unopened container
Warranty	ARDEX, L.P. Standard Limited Warranty applies.

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www.ardexamericas.com.

Visit www.youtube.com/ARDEX101 to watch ARDEX product demonstration videos. For recommended installation tools, visit DTA USA at www.dtausagroup.com. For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App.



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