



ARDEX PC 10™

Lithium Hardener for ARDEX Polishable Concrete Topping

For use as part of the ARDEX Polished Concrete Systems™

Interior use only

Creates an extremely dense, durable hard surface that resists dusting and wear

Advanced chemistry creates a surface with higher reflectivity, longer life and lower maintenance costs

ARDEX PC 10™

Lithium Hardener for ARDEX Polishable Concrete Toppings

Suitable Substrates

- ARDEX PC-T™ Concrete Topping
- Other ARDEX Engineered Toppings

Suitable Applications

- All grade levels
- Dry areas only; Interior applications only
- Areas to receive foot and/or moderate, rubber-wheeled forklift traffic and similar^{*1}
- For applications in heavy-duty manufacturing, industrial floors or chemical environments requiring customized industrial coatings, always use the system in conjunction with a sealer suitable for the installation environment.

^{*1} Excessive service conditions such as and similar to the following will cause gouging and indentations:

- o Steel- or hard plastic-wheeled traffic
- o Dragging heavy metal equipment, loaded pallets with protruding nails, heavy furniture and/or fixtures over the floor

Jobsite Conditions

Do not apply when air, material or surface temperatures are expected to be outside the storage range of 36°F (2°C) to 100°F (38°C).

Step 1: Surface Preparation

Dry sweep and clean surfaces of any dirt and debris.

Grind substrate to an initial surface profile (60/80 grit metal bonded diamonds). Continue process per specification with #1 grit high performance resin/ceramic diamond, followed by 200-grit high performance resin bonded diamond. These steps open up the surface ensuring better penetration.

Mask and protect adjacent surfaces.

Wipe surfaces using a moistened micro-fiber mop to remove dust and fines.

Step 2: Application

Mix, shake or stir thoroughly before applying. Do not allow air bubbles to form.

Depending on size of work area, product can be applied with a pump up sprayer or a high volume, low-pressure sprayer (HVLP). Apply ARDEX PC 10 to the surface evenly at the rate of 400–500 sq. ft. (10–12 m²/L) per gallon. Lightly broom out any puddles (using a micro-fiber pad and applicator) immediately after the material has been applied.

Allow material to remain on the surface for 20–30 minutes. Do not let any area dry out during this time. Add more ARDEX PC 10 as needed in order to maintain a uniformly wet surface.

Step 3: Grinding and Polishing

After material has penetrated and is no longer glistening on the surface, continue grinding and polishing per process specification to the intended final surface profile and desired finish.

Step 4: Clean Up

Use soap and water to clean tools and equipment. Although treatment is non-hazardous and environmentally friendly, it is alkaline. Do not dispose of in storm drains or sewers. Use the material up or dry it out and dispose of per local regulations.

Maintenance

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

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.

See the ARDEX Polished Concrete Systems™ specification regarding application steps and procedures for applying ARDEX PC 10 with ARDEX PC-T™ Concrete Topping.

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

Caution: Surfaces wet with ARDEX PC 10 may be slippery.

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.

Technical Data

Technical Data According to Manufacturer Quality Standards	
Coverage	400–500 sq. ft. / gallon (10–12 m ² /L)
V.O.C. Content	<50 g/L
Packaging	5 gallon (18.9 L)
Storage	Keep from freezing. Do not heat. Store between 36°F (2°C) and 100°F (38°C).
Warranty	ARDEX, L.P. Standard Limited Warranty applies.

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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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