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# ARDEX PC 10<sup>TM</sup>

## Lithium Hardener for ARDEX PC-T<sup>TM</sup> Concrete Topping

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For use in the grinding and polishing of ARDEX Polished  
Concrete Systems<sup>TM</sup>

Interior use only



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# ARDEX PC 10™

## Lithium Hardener for ARDEX PC-T™ Concrete Topping

### Product Capabilities

Use ARDEX PC 10™ as part of the ARDEX Polished Concrete Systems™ or with other ARDEX Engineered Toppings to make 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.

### Application Instructions

1. Dry sweep and clean surfaces of any dirt and debris.
2. 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.
3. Mask and protect adjacent surfaces.
4. Wipe surfaces using a moistened micro-fiber mop to remove dust and fines.
5. Mix, shake or stir thoroughly before applying. DO NOT allow air bubbles to form.
6. 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. (12-15m<sup>2</sup>/L) per gallon. Lightly broom out any puddles (using a micro-fiber pad and applicator) immediately after the material has been applied.
7. 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.
8. 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.

### 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.

### Storage Instructions

KEEP FROM FREEZING. DO NOT HEAT. STORE BETWEEN 36°F (2°C) AND 100°F (38°C). Do not apply when air, material or surface temperatures are expected to be outside these parameters. (See ARDEX Polished Concrete Systems™ specification regarding application steps and

procedures for applying ARDEX PC 10 with ARDEX PC-T™ Concrete Topping. Refer to ARDEX PC 10 MSDS for complete usage and safety instructions.)

### PROFESSIONAL USE ONLY

Must be applied by ARDEX trained contractors or installers. Please contact ARDEX for a complete list of installers.

### Health and Safety Precautions

ARDEX PC 10 is an aqueous Nano-Lithium polysilicate solution. The treatment is alkaline and may cause eye and skin irritation. KEEP OUT OF THE REACH OF CHILDREN. Do not take internally. Avoid prolonged contact with skin. Avoid ingestion of material. If swallowed, do not induce vomiting, call physician. Avoid contact with eyes. Protective clothing is recommended. Protective goggles are recommended in case of splashing. If splashed in eyes, wash immediately with clean water and call physician if irritation persists. Contact areas should be thoroughly washed with soap and water. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet. ARDEX PC 10 will bond to most surfaces immediately, so wash off over spray with water and mild detergent.

**⚠ CAUTION:** Surfaces wet with ARDEX PC 10 may be slippery.

Protection.....	C
Health.....	1
Irritant.....	⚠
Flammability.....	0
V.O.C. Content.....	<50 g/L
Reactivity.....	0

### Warranty

ARDEX, L.P. standard limited warranty applies.

### IMPORTANT TECHNICAL UPDATES

**Technical update effective December 1, 2016:**  
Installation Environments for ARDEX Polished Concrete Systems (APCS)

[CLICK HERE](#)

**Technical update effective September 10, 2015:**  
APCS Cleaning and Maintenance Procedures

[CLICK HERE](#)

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