



ARDEX PC 10

Lithium Hardener for ARDEX PC-T Polished Concrete Topping

Lithium-based hardener

For use with ARDEX PC-T Polished Concrete Topping

Internal use only

Creates an extremely dense, durable hard surface

Resists dusting and wear

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DESCRIPTION

ARDEX PC 10 is a lithium hardener for use with ARDEX PC-T as part of the ARDEX Polished Concrete Systems 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 microfibre 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 (HVLPP). Apply ARDEX PC 10 to the surface evenly at the rate of 12-15m² per Litre. Lightly broom out any puddles (using a microfibre 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 5°C AND 30°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 SDS for complete safety instructions.)

APPLICATION REQUIREMENTS

Must be applied by ARDEX trained contractors or 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 Safety Data Sheet. ARDEX PC 10 will bond to most surfaces immediately, so wash off over spray with water and mild detergent.

Surfaces wet with ARDEX PC 10 may be slippery.

TOLL FREE TECHNICAL SERVICES:

1800 224 070 (Australia)

0800 227 339 (New Zealand)

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand & Australian Standards, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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