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# **ARDEX PANDOMO® PS**

## **Clear Waterborne Two-Part Urethane Protective Wear Layer**

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Use as a system with ARDEX PANDOMO® ES Clear Waterborne Epoxy Floor Primer to provide a protective wear layer for ARDEX PANDOMO® Floor, FloorPlus and Loft

Satin finish, non-darkening

Stain-resistant

UV-stable

Recoat in as little as 2 hours

Open to light foot traffic in as little as 24 hours after final coat

Full protection after 7-day cure

For interior use only

pan**DOMO**®

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# ARDEX PANDOMO® PS

## Clear Waterborne Two-Part Urethane Protective Wear Layer

### Description

ARDEX PANDOMO® PS is a two-part urethane protective wear layer for interior use on ARDEX PANDOMO® Floor, FloorPlus and Loft. Designed to be used as a top coat over ARDEX PANDOMO® ES Clear Waterborne Epoxy Floor Primer, ARDEX PANDOMO PS dries quickly to allow the installation of a second coat in as little as 2 hours.

### Substrate Preparation

No special preparation is necessary prior to installing ARDEX PANDOMO PS over newly installed ARDEX PANDOMO ES. The ARDEX PANDOMO ES must have cured for a minimum of 4 - 6 hours, and the surface must be clean, dry and free of contaminants. The surface can be swept with a clean broom to remove dust or debris. Do not use sweeping compounds or other chemicals. If other contamination is present, please contact the ARDEX Technical Service Department.

Surface and air temperatures must be between 60°F (15°C) and 77°F (25°C) for the installation of ARDEX PANDOMO PS. The substrate temperature must also be 5°F (2.8°C) above the dew point and rising to avoid condensation as the ARDEX PANDOMO PS cures. These conditions must be maintained during the full application and cure of the system.

### Recommended Tools

1/4" - 3/8" microfiber, non-shedding, lacquer roller, foam brush, mixing paddle, large mixing bucket, low-speed drill and a paint-rolling pan

### Mixing and Application

ARDEX PANDOMO PS is supplied as a two-part unit containing pre-measured quantities of Base (Part A) and Cross Linker (Part B). Thoroughly shake the individual Base and Cross Linker containers before combining. Open each container and pour the entire contents of both Part B bottles as well as the Part A bottle into a clean, large mixing bucket. Mix completely with the low-speed drill and mixing paddle until the material is streak-free and totally uniform in appearance.

Once mixed, allow the sealer to rest for 10 minutes prior to mixing for an additional 2 minutes. Within 1 hour after mixing, uniformly apply the material onto the prepared surface at a rate of approximately 1000 - 1050 sq. ft. per kit. If necessary, use a foam brush for hard-to-reach areas and corners. Always apply "wet on wet," but avoid leaving puddles. When cutting in edges, do not allow the edges to dry before applying material to the plane of the application. Use a paint-rolling pan rather than pouring the material directly onto the floor surface.

Allow the first coat to dry at least 2 hours before applying a required second coat. Do not apply the next coat until the previous coat is completely tack-free. After installation, allow the final coat to cure a minimum of 24 hours before opening the floor to light foot traffic. Restrict the use of the floor to light traffic and avoid using maintenance products until the coating is fully cured (approx. 7 days). It is recommended that the floor remain dry for the full cure cycle. When applying and curing, avoid drafts and exposure to strong sunlight, and protect the floor surface from dust.

### Tips for a Successful Installation

- Cleanliness is important! Wear protective covers over shoes to prevent marking.
- Do not place containers or paint pans directly on the surface.
- Tape is an easy way to remove loose fibers from the application roller.
- The ARDEX PANDOMO Floor or FloorPlus installation must be completed in a continuous fashion, including application of the protective wear layer. If any part of the process is interrupted by other trades, it is likely to cause aesthetic variance and potentially irreparable damage.
- Do not drip or spill any liquids onto the ARDEX PANDOMO surface throughout the entire installation process.

### Color

ARDEX PANDOMO PS is a satin finish when cured.

### Protecting the Finished Installation

Whenever possible, ARDEX PANDOMO installations should be scheduled as the final step in the construction process. If this is not possible, please note that installations sealed with the ARDEX PANDOMO ES/PS Protective Wear Layer System should not be open to full traffic for 7 days after installation. To protect the installation from damage due to trade or construction traffic, cover it with breathable, protective, construction paper after the ARDEX PANDOMO PS has cured for a minimum of 24 hours. Using other, non-breathable covers may cause surface discoloration.

### Maintenance

Once sealed, all finished floor surfaces require routine maintenance and cleaning. For recommended maintenance procedures, please refer to the ARDEX PANDOMO Maintenance Guide. Cleaning an ARDEX PANDOMO floor is very easy but must be performed in strict accordance with the printed cleaning guidelines. It is strongly recommended that a maintenance contract be reviewed and agreed upon with the installer to best preserve the value of the floor.

### Notes

FOR PROFESSIONAL USE ONLY.

This product is intended for interior use over dry substrates only. On-grade applications require a vapor retarder below the slab, or an ARDEX MC™ Moisture Control System must be installed on the slab prior to installing the ARDEX PANDOMO wear surface. Do not use in areas of constant water exposure, or in areas exposed to permanent or intermittent substrate moisture, as this may jeopardize the performance of the ARDEX PANDOMO installation. The maximum recommended moisture vapor emission level is 85% RH (ASTM F2170).

Always install an adequate number of properly located test areas, including the processing and ARDEX PANDOMO ES/PS Protective Wear Layer System. A sample mock-up of the finished floor must be made on site and approved by the owner's representative, including the suitability for intended use and aesthetics, and should be evaluated and approved under the planned lighting conditions for the finished floor. Acceptance of the floor must be made immediately after completion of the floor, and it remains the responsibility of the owner's representative to protect the finished surface with a breathable covering until the space is opened for final use.

Excessive service conditions, such as steel- or hard plastic-wheeled traffic, dragging metal equipment or loaded pallets with protruding nails over the floor, will cause scratching, gouging and indentations. The ARDEX PANDOMO ES/PS System is not a sealer for heavy-duty manufacturing or industrial floors or for chemical environments requiring customized industrial toppings. As with any floor covering (wood, soft natural stone, marble, etc.), allowances must be made for scratches or abrasion that occurs due to moving or sliding furniture or fixtures over the surface.

Low substrate temperatures require longer drying times for ARDEX products. If the two components of ARDEX PANDOMO PS are cold, it will not be possible to mix them thoroughly.

Turn off in-slab heating systems and allow the surface to cool before applying. Please note that ARDEX PANDOMO PS must be allowed to fully cure (approx. 7 days) prior to turning on the in-slab heating system, which should not exceed 85°F (29°C). Please note that ARDEX cannot be held responsible for any negative aesthetic results related to installations over in-slab heating.

Never mix with additives. Acclimate the space and materials in accordance with the guidelines outlined above.

Store at temperatures between 40 and 90°F (5 - 32°C). Do not freeze.

Do not seal the container once the components are mixed or reuse the container. Dispose of packaging and residue in accordance with federal, state and local waste disposal regulations. Do not flush material down drains.

## 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](http://www.ardexamericas.com).

## Technical Data According To ARDEX Quality Standards

All data based on a full kit mix at 70°F (21°C). Physical properties are typical values and not specifications.

<b>Coverage:</b>	1000 - 1050 sq. ft. per kit Coverage may vary based on surface texture.
<b>Drying Times (min. at 70°F / 21°C):</b>	Before applying second coat: approx. 2 hours Light foot traffic: approx. 24 hours after final coat is applied Full Cure (heavy traffic): 7 days
<b>Pot Life:</b>	1 hour
<b>VOC:</b>	< 110 g/L
<b>Gloss Level:</b>	Approx. 28
<b>Packaging:</b>	Kit: 5 L (169 fl. oz.) bottle of Part A - Base Two 500 mL (16.9 fl. oz.) bottles of Part B - Cross Linker
<b>Storage:</b>	Store in a cool, dry area. Do not leave container exposed to sun. Keep from heat. Protect from freezing. Keep container closed when not in use.
<b>Shelf Life:</b>	6 months, unopened
<b>Warranty:</b>	ARDEX Engineered Cements Standard Limited Warranty applies.

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Supersedes all previous versions. Check [www.ardexamericas.com](http://www.ardexamericas.com) for most recent version and for technical updates, which may supersede the information herein.

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