Notes
This product is intended for interior use over dry substrates only. 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 topping and sealer. Test for moisture using the relative humidity method in accordance with ASTM F2170. Where substrate moisture is greater than 75% RH, install ARDEX MC ULTRA. For further information, please refer to the ARDEX Technical Brochure.

ARDEX PANDOMO Loft wear surfaces are not intended to be perfectly homogeneous in appearance. The physical act of troweling, along with the sanding process, will result in optical variations in the appearance of the floor even though it is very flat. The aesthetic appearance of the floor that is created is subject to possible technical and artistic tolerances. Variations in the overall finished appearance are an intended effect and should be expected.

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.

The finished ARDEX PANDOMO floor does not achieve its published surface hardness until after 28 days. While ARDEX PANDOMO Loft can be installed over concrete that contains in-floor heating, ARDEX PANDOMO Loft should not be used to directly encapsulate any heating system. If the concrete substrate has in-floor heating, it should be turned off and the concrete allowed to cool before installing ARDEX PANDOMO Loft. Low substrate temperatures require longer drying times for ARDEX products. Do not install ARDEX PANDOMO K2 before the primer has dried thoroughly. Low temperatures will also extend the drying time needed before processing the surface.

Never mix with cement or additives other than ARDEX approved products. Observe the basic rules of concrete work. Acclimate the space and materials in accordance with the guidelines outlined above.

Precautions
ARDEX PANDOMO K2 contains Portland cement and sand aggregate. Avoid eye and skin contact. Mix in a well-ventilated area, and avoid breathing powder or dust. KEEP OUT OF REACH OF CHILDREN. Carefully read and follow all cautions and warnings on product label. For complete safety information, please refer to the Material Safety Data Sheet available at www.ardexamericas.com.

Technical Data According to ARDEX
Quality Standards
All data based on a mixing ratio of 3.25 parts powder to 1 part water by volume at 70°F (21°C)

Mixing Ratio: 5 1/4 quarts (5 liters) of water per 55 lb. (25 kg) bag
Coverage: Coverage: 100 to 120 sq. ft, (9.3 to 11.1 m²) per bag in 2 coats (Actual coverage may vary based on surface texture)
Thickness: 1/16" to 3/16" (1.5 to 4.5 mm)
Working Time: 10 minutes
Initial Set (ASTM C191): Approx. 10 minutes
Final Set (ASTM C191): Approx. 45 minutes
Compressive Strength (ASTM C109/mod – Air cure only): ~4600 psi (323 kg/cm²) at 28 days
Flexural Strength (ASTM C348): 1400 psi (98 kg/cm²) at 28 days
Walkable: approx. 3 hours after second coat
Begin Processing: 6 to 12 hours
Color: White
Packaging: 55 lb. (25 kg) net weight in paper bags
Storage: Store in a cool, dry area. Do not leave bags exposed to sun.
Shelf Life: 6 months
Warranty: ARDEX Engineered Cements Standard Limited Warranty applies.

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ARDEX PANDOMO® K2
Design Micro-Topping Compound for ARDEX
PANDOMO® Loft Wear Surfaces (White)

Use to create ARDEX PANDOMO® Loft wear surfaces
Fast-setting and self-drying
Trowel grade
For thicknesses from 1/16" up to 3/16" (1.5 to 4.5 mm)
Highly durable surface
White color allows a wide range of colors when pigmented with ARDEX PANDOMO® CC Color Concentrates
Portland cement-based
Use over new or existing concrete
For commercial, retail and residential applications
Design Micro-Topping Compound for ARDEX PANDOMO® (White) - ARDEX PANDOMO® K2 Design Micro-Topping Compound for ARDEX PANDOMO® (White)

**Description and Usage**

ARDEX PANDOMO® K2 is a self-drying, trowel-applied micro-topping for fast-track resurfacing of indoor concrete. Installed at a thickness from 1/16” to 3/16” (1.5 to 4.5 mm), ARDEX PANDOMO® K2 is a special micro-topping designed to resist peeling, joint separation, and/or disbonding of the topping. Even the slightest amount of movement in control joints will cause the ARDEX PANDOMO® K2 to show hairline cracks in a pattern reflective of the joint.

ARDEX cannot be responsible for problems that arise from joints, existing cracks, or new cracks that may develop after the system has been installed.

**Priming**


For a faster priming system, substitute ARDEX MC™ RAPID sand broadcast for the ARDEX EP 2000 using standard installation procedures. Work can proceed over ARDEX MC RAPID after 4 hours of curing. Please note that when used in this manner, ARDEX MC RAPID is not considered a moisture control system. If moisture control is needed (greater than 75% RH when measured in accordance with ASTM F2170), ARDEX NCTM ULTRA must be applied in accordance with the technical manual.

**Thickness of Application**

ARDEX PANDOMO® K2 can be installed from 1/16” to a maximum of 3/16” (1.5 to 4.5 mm). If preleveling is needed, use ARDEX PANDOMO® OT at a 1/4” thickness (6 mm) as noted above.

**Mixing and Application**

For the application and drying of ARDEX PANDOMO® floors, the space, substrate and products must be acclimated to 50° to 77°F (10 to 25°C), and an ambient relative humidity of 50% to 60%.

ARDEX PANDOMO® K2 is mixed 1 to 2 bags at a time. For best results, pre-blend the total anticipated quantity of water with the prescribed amount ARDEX PANDOMO® CC Color Concentrate, rather than adding the entire amount of water at once. Mix each 55 lb. (25 kg) bag with 5 1/4 quarts (5 liters) of water. Pour the pigmented water in the mixing drum first, then add each bag of ARDEX PANDOMO® K2 while mixing with an ARDEX T-1 Paddle and a 1/2” (12 mm) heavy-duty drill, 650 rpm. Mix thoroughly for approximately 2 to 3 minutes to obtain a lump-free mix.

Do not overwater! ARDEX PANDOMO® K2 is installed in two coats and has a working time of 10 minutes at 70°F (21°C). For the first coat, pour the mix onto the floor and flat trowel it onto the prepared substrate. Use wide sweeping passes with the trowel to enhance the decorative appearance of the surface. The second coat of ARDEX PANDOMO® K2 is applied once the first coat is firm enough to work on, but still damp (approx. 30 to 60 minutes). Smooth trowel the surface to obtain the desired finishing effect.

**Processing (Sanding)**

**The processing of the ARDEX PANDOMO® K2 surface is key to the success of the installation.** Once the second coat of ARDEX PANDOMO® K2 has dried for a minimum of 6 to 12 hours at 70°F (21°C), sand the dry surface using a Laegler TRIO Machine.