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 PANOMO Loft wear surfaces are not intended to be perfectly homogenous 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 PANOMO 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 PANOMO floor does not achieve its published surface hardness until after 28 days. While ARDEX PANOMO Loft can be installed over concrete that contains in-floor heating, ARDEX PANOMO 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 PANOMO Loft.

Low substrate temperatures require longer drying times for ARDEX products. Do not install ARDEX PANOMO K2 before the primer has dried thoroughly. Low temperatures will also extend the drying time needed before processing the floor.

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 PANOMO 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)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixing Ratio:</td>
<td>5 1/4 quarts (5 liters) of water per 55 lb. (25 kg) bag</td>
</tr>
<tr>
<td>Coverage:</td>
<td>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)</td>
</tr>
<tr>
<td>Thickness:</td>
<td>1/16” to 3/16” (1.5 to 4.5 mm)</td>
</tr>
<tr>
<td>Working Time:</td>
<td>10 minutes</td>
</tr>
<tr>
<td>Initial Set (ASTM C191):</td>
<td>Approx. 10 minutes</td>
</tr>
<tr>
<td>Final Set (ASTM C191):</td>
<td>Approx. 45 minutes</td>
</tr>
<tr>
<td>Compressive Strength (ASTM C109/mod – Air cure only):</td>
<td>~4600 psi (332 kg/cm²) at 28 days</td>
</tr>
<tr>
<td>Flexural Strength (ASTM C348):</td>
<td>1400 psi (98 kg/cm²) at 28 days</td>
</tr>
<tr>
<td>Walkable:</td>
<td>approx. 3 hours after second coat</td>
</tr>
<tr>
<td>Begin Processing:</td>
<td>6 to 12 hours</td>
</tr>
<tr>
<td>Color:</td>
<td>White</td>
</tr>
<tr>
<td>Packaging:</td>
<td>55 lb. (25 kg) net weight in paper bags</td>
</tr>
<tr>
<td>Storage:</td>
<td>Store in a cool, dry area. Do not leave bags exposed to sun.</td>
</tr>
<tr>
<td>Shelf Life:</td>
<td>6 months</td>
</tr>
<tr>
<td>Warranty:</td>
<td>ARDEX Engineered Cements Standard Limited Warranty applies.</td>
</tr>
</tbody>
</table>

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

Use to create ARDEX PANOMO® 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 PANOMO® CC Color Concentrates
Portland cement-based
Use over new or existing concrete
For commercial, retail and residential applications...
ARDEX PANDOMO® K2
Design Micro-Topping Compound for ARDEX Wear Surfaces® (White)

Description and Usage
ARDEX PANDOMO K2 is a self-filling, 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), use ARDEX PANDOMO K2 in control joints, expansion joints, and any other contaminant that might act as a bond breaker. If necessary, mechanically clean the substrate down to sound, solid concrete by shot blasting or similar. Overwatered, frozen or otherwise weak concrete surfaces must also be cleaned down to sound, solid concrete by mechanical methods. The prepared concrete must have a minimum ICRI Concrete Surface Profile of 3 (ICP #3). Any additional preparation needed to achieve this must likewise be mechanical. Acid etching, adhesive removers, solvents, sweeping compounds and sanding are not acceptable methods for cleaning the substrate. Substrate must be dry and properly primed for a successful installation. Substrate and ambient temperatures must be a minimum of 50°F (10°C) for the installation of ARDEX PANDOMO K2. For further information, please refer to the ARDEX Substrate Preparation Brochure.

Because ARDEX PANDOMO K2 is a thin micro-topping, the existing substrate must be flat and smooth prior to installation. If needed, pre-level the area using ARDEX PANDOMO CF1 to a maximum of 3/16” (1.5 mm) or more to the desired thickness (please refer to the technical data sheet for this product). After a minimum drying time of 16 hours, prime the surface of the ARDEX PANDOMO CF1 at a minimum thickness of 1/4” (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 70°F (21°C), and an ambient relative humidity of 60%.

Armed with the information above, the following section will provide further guidance on the successful application of ARDEX PANDOMO K2.

Tips for a Successful Installation
• Continue to mix the pigment to the color concentrate from settling out.
• The ARDEX PANDOMO K2 surface cannot be too soft, but it can be too soft. If it still feels cold or damp after 6 to 12 hours, wait another 12 hours before processing.
• When applying the second coat, wear soft, flat rubber-soled shoes and avoid placing heavy objects (i.e. the mixing bucket) on the surface of the previous coat.
• Avoid hard-shelled knee pads.
• Start up the sanding machine with the discs in the air rather than on the floor, and begin forward motion as the discs come in contact with the surface.
• Placing the sanding heads on the floor sometimes causes an aggressive initial cut, so always try to start processing in an unobstructive place (behind a door, in a corner, etc.).
• Keep the sanding machine moving. Pausing can cause variations in the finished appearance.
• Cleanliness is important when processing the surface! Make sure your machines are clean, and wear protective booties over shoes to prevent marking.
• All sand paper is created equal, so exercise caution and always break in the sanding discs before applying them to the ARDEX PANDOMO K2 surface.
• Sanding discs will last for approximately 215 to 270 square feet (20 to 25 m²), so be sure to change them as needed when processing the surface.
• When sealing ARDEX PANDOMO K2, do not place sealer containers directly on the surface.
• The ARDEX PANDOMO Loft installation must be completed in a controlled environment including the sealing of the sealer. If any part of the process is interrupted by other trades, it is likely to cause architectural wear, and potentially irreversible damage.
• Do not drip or spill any liquids on the ARDEX PANDOMO K2 surface throughout the entire installation process.

Varnish/Stain Protection
Once installed and processed, ARDEX PANDOMO K2 surfaces must always be protected by a suitable ARDEX wear protection system. For residential and light duty wear only, ARDEX PANDOMO SL STONE OIL can be applied according to the instructions provided in the ARDEX PANDOMO SL Technical Brochure. Please note that the application of ARDEX PANDOMO SL STONE OIL will darken the surface permanently and will shift the color slightly towards an amber hue. ARDEX PANDOMO SL produces a very “warm” looking surface that requires light periodic maintenance.

For all other installations, as well as for any areas with a higher potential for staining, use the ARDEX PANDOMO ES/PS Protective Wear Layer System in accordance with the performance properties desired, and as described in each of the technical brochures.

Once installed, any finished floor surface requires routine cleaning and maintenance. For specific cleaning and 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.

ARDEX PANDOMO K2 wear surfaces are intended for commercial, retail and residential applications. Steel or hard plastic-wheeled traffic, or dragging metal gondolas or loaded racking over the surface, is abusive and will cause scratching, gouging and indentations. As with any floor covering (e.g., soft natural stone, marble, etc.), allowances must be made for scratches or abrasion that occur due to moving or sliding furniture or fixtures over the surface. Keeping the floor surface clean and free of dirt or other contaminants will also help to minimize scratching and abrasion due to foot traffic. ARDEX PANDOMO K2 is not a resurfacing topping for manufacturing or industrial floors, or for chemical environments requiring customized topcoats.

Protecting the Finished Installation
Whenever possible, ARDEX PANDOMO K2 installations should be scheduled as the final step in the construction process. If this is not possible, please ensure the area is sealed. Prior to sealing, the installation should not be open to full traffic for 2 to 7 days after the installation is sealed, as appropriate to the wear/traffic situation. After sealing, the installation should not be open to traffic for 2 to 7 days after the installation is sealed, as appropriate to the wear/traffic situation. After sealing, the installation should not be open to full traffic for 2 to 7 days after the installation is sealed, as appropriate to the wear/traffic situation. After sealing, the installation should not be open to traffic for 2 to 7 days after the installation is sealed, as appropriate to the wear/traffic situation.

Cracks
ARDEX PANDOMO K2 is formulated as a highly durable, non-structural wear surface. As such, it is important to note no one can predict with 100% accuracy the appearance of cracking in a non-structural topping. While there can be several causes for cracking, it first must be understood that the thin layers of non-structural toppings are not capable of restraining movement in the structural slab, which could lead to reflective cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking. Areas most likely to telegraph include those with deflection in the concrete slab, vibration of the concrete slab, cracking.