



ARDEX P 71TM

Primer

For standard absorbent concrete substrates

Ready to use – no need to mix or dilute

Minimizes the formation of pinholes

Use for saturated surface dry (SSD) priming applications

**ARDEX Engineered Cements
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ARDEX P 71™

Primer

Description

ARDEX P 71™ Primer is a non-film forming, interior and exterior primer used to improve the application of most ARDEX Engineered Concrete Repair products that require a saturated-surface-dry (SSD) installation method over absorbent concrete substrates. ARDEX P 71 is ready to use.

ARDEX P 71 can also be used to create an SSD surface for the installation of ARDEX K 301™ Exterior Self-Leveling Concrete Topping over absorbent concrete only. For the installation of ARDEX K 301 over non-porous substrates, such as burnished concrete, terrazzo, and quarry and ceramic tile, use ARDEX EP 2000™ Substrate Preparation Epoxy Primer with a sand broadcast.

ARDEX P 71 IS NOT FOR USE WITH OTHER ARDEX SELF-LEVELING MATERIALS. Please refer to the individual ARDEX technical brochures for appropriate priming instructions.

Substrate Preparation

Concrete substrates must be solid, thoroughly clean and free of oil, wax, grease, asphalt, existing patching materials, curing and sealing compounds and any contaminant that might act as a bond breaker. Overwatered, frozen or otherwise weak concrete surfaces must also be cleaned down to sound, solid concrete by mechanical methods. All substrates must be mechanically roughened to a minimum ICRI surface profile of CSP 3 or greater - refer to the technical brochure of the product being installed for minimum surface profile requirements.

Mechanically prepare the substrate down to a sound, solid surface by shot blasting, grinding or similar method. Acid etching, adhesive removers, solvents and sweeping compounds are not acceptable means for cleaning the substrate. Sanding equipment is also not an effective method to prepare the substrate.

Substrate and ambient temperatures must be a minimum of 50°F (10°C) during and for 48 hours after installation. For further information, please refer to the ARDEX Substrate Preparation Brochure.

Mixing and Application

Settling of the product will occur during storage. Shake the ARDEX P 71 container until a uniform consistency is achieved before use. DO NOT DILUTE. Pour onto concrete and apply evenly with an exploded tip, soft-bristle push broom. Do not use paint rollers, mops or spray equipment. Do not leave any bare spots. Allow the ARDEX P 71 to soak into and saturate the pores of the concrete. Brush or vacuum off puddles and excess primer to allow for the pores to be saturated but the surface to be dry. Any excess primer not removed will float to the surface of the product being installed, potentially causing discoloration and softening of the surface. While the surface of the concrete must be dry and free of puddles, the pores of the concrete must be saturated with wet ARDEX P 71 to avoid pinholes.

Notes

Warm temperatures or air movement will decrease the working time of the primer, leading to pinholes. Do not install at surface and air temperatures below 50°F (10°C) or above 90°F (32°C). If the primer in the pores of the concrete dries, apply more primer to the concrete, allowing it to soak in and saturate the pores. To avoid the risks associated with not achieving SSD concrete, as well as to minimize the potential for reflective cracking due to substrate movement, use ARDEX EP 2000 with sand broadcast. Please be advised that ARDEX cannot be responsible for any aesthetic issues that arise from the priming method used.

Always install an adequate number of properly located test areas, including the ARDEX cements and selected finishes, to determine the suitability and aesthetic value of the products for the intended use.

Do not reuse container. Dispose of container and residue in accordance with federal, state and local waste disposal regulations. Do not flush product down drains. FOR PROFESSIONAL USE ONLY.

Precautions

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Material Safety Data Sheet (MSDS) available at www.ardexamericas.com

Technical Data According to ARDEX Quality Standards

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

Coverage per Unit:	200-250 sq. ft. (18.5-23 sq. m) per unit
Working Time:	10-20 minutes
VOC:	0 g/L (calculated)
Packaging:	1 gallon (3.79 L) plastic bottle
Storage:	Store in a cool dry area. Do not expose container to sun. Keep from freezing prior to application.
Shelf Life:	1 year, if unopened

Made in the USA by ARDEX Engineered Cements, Aliquippa, PA 15001

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