



ARDEX P 51

Primer

For standard absorbent concrete

Concentrated primer – dilutes with water

Seals the substrate

Improves the bond of ARDEX underlayments and toppings

For interior use only

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ARDEX P 51

Primer

Description

ARDEX P 51 is a solvent-free primer that improves the adhesion of ARDEX products over standard absorbent dry concrete substrates only.

Non-porous substrates, burnished concrete, terrazzo, quarry and ceramic tile, wood, non-water-soluble adhesive residues and epoxy coatings must be primed with ARDEX P 82 ULTRA PRIME. Please refer to the ARDEX Technical Brochure for more information.

Substrate Preparation

All concrete substrates must be solid, thoroughly clean and free of oil, wax, grease, asphalt, latex compounds, curing and sealing compounds, and any contaminant that might act as a bond breaker. For further information, please refer to the ARDEX Substrate Preparation Brochure.

Mixing And Application

Standard absorbent concrete must be primed with ARDEX P 51 diluted 1:1 with water. Apply evenly with an exploded tip stiff bristle broom. Do not use paint rollers, mops or spray equipment. Do not leave any bare spots. Brush off puddles and excess primer. Allow primer to dry to a clear, thin film (min. 3 hours, max. 24 hours).

Extremely absorbent concrete may require two applications of ARDEX P 51 (the "double-prime" method) to avoid the formation of bubbles and pinholes in the ARDEX underlayment or topping. In such cases, make an initial application of ARDEX P 51 diluted with 3 parts by volume of water. Let dry thoroughly (1 to 3 hours) and install a second application of ARDEX P 51 mixed 1:1 with water as stated above.

Notes

Low substrate temperatures and/or high ambient humidity require longer drying times for ARDEX primers. Do not install the ARDEX underlayment or topping before the primer has dried thoroughly.

Precautions

Avoid eye and skin contact. Close container after each use. Do not reuse container. Dispose of container and primer residue in accordance with federal, state, and local waste disposal regulations. Do not flush primer down drains, sewers, or waterways. 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 or visit our web site at www.ardex.com.

Physiologically and ecologically safe when set. Do not install below 50°F surface temperature. ARDEX P 51 is non-toxic, non-explosive, and non-flammable.

Technical Data According To Ardex Quality Standards

Mixing Ratio:	For standard absorbent concrete: 1 part primer to 1 part by volume of water. For extremely absorbent concrete ("double-prime method"): 1 part primer to 3 parts by volume of water.
Coverage:	400-600 sq. ft. per gallon using pushbroom
Drying Time:	3-24 hours at 70°F
Packaging:	One gallon liquid in plastic container
Storage:	Store in a cool dry area. Do not expose container to sun. Protect from freezing.
Shelf Life:	One year unopened

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