



ARDEX P 82™

Ultra Prime

For the installation of ARDEX underlayments over smooth, non-porous (non absorbent), wood and metal substrates and adhesive residue on concrete

Waterborne, two-component primer

High strength and solvent free

Use for interior applications only

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Suitable Applications

- For priming appropriate substrates prior to application of ARDEX Underlayments Only (dry, interior areas only; all grade levels). Not suitable for priming beneath toppings. Refer to the suitable substrates and applications detailed for the selected ARDEX underlayment.
- Not to be used over absorbent concrete or other substrates in certain, specialized applications. Refer to the technical data sheet for the selected ARDEX Underlayment.
- Do not use over concrete with excessive moisture. If concrete moisture control is needed: Contact the ARDEX Technical Service Department or visit the ARDEX Americas website for moisture control options:
(ardexamericas.com/products/moisture-control)

Suitable Substrates

- Non-absorbent (non-porous; burnished) Concrete
- Non-Water-Soluble Adhesive Residue on Concrete
- Concrete treated with certain curing compounds (test area only; for full instructions, see:
www.ardexamericas.com/properprep)
- Other approved, non-porous materials on concrete: *
 - Ceramic, quarry or porcelain tiles
 - Non-porous (non-absorbent) cementitious terrazzo
 - Epoxy terrazzo / Epoxy Coatings
 - ARDEX MC RAPID
- Metal (non-aluminum**)

*Must be sound, solid and well-bonded to underlying, structurally sound substrates.

**ARDEX K 15® Premium Self-Leveling Underlayment Installations: Use ARDEX EP 2000™ Substrate Preparation Epoxy Primer to prime the metal substrate. Contact the ARDEX Technical Service Department for instructions.

Jobsite Conditions

During installation and cure, substrate and ambient temperatures must be a minimum of 50° F / 10° C. If installing over an in-floor heating system, turn the heating system off 48 hours before, during and at least 48 hours after completion of the installation.

Step 1: Substrate Preparation (Proper Prep™)

For full details on Proper Prep, reference the following articles at ardexamericas.com/services/properprep:

- [Article 1: Preparing Concrete for Bonded ARDEX or HENRY Applications](#)
- [Article 1.1: Preparing Concrete for ARDEX Underlayments](#)
- [Article 2: Preparing Wood for Bonded ARDEX Applications](#)
- [Proper Prep Brochure](#)

Refer to the specific requirements in the technical data sheet for the selected ARDEX Underlayment.

Mechanically clean substrate, if necessary. Do not use acid etching, adhesive removers, solvents or sweeping compounds, as these are bond breakers. Sanding is not an effective method to remove contaminants from concrete.

Substrate must be dry and alkali free. All substrates must be sound, solid and thoroughly clean of all bond-breaking contaminants, including but not limited to: overwatered or otherwise loose or weak material; dirt, dust, wax, grease, paints and oils.

Following preparation, thoroughly vacuum to remove all excess dirt and debris.

Handle and dispose of asbestos and other hazardous materials in accordance with prevailing regulations, which supersede the recommendations in this document.

Note that concrete and cementitious terrazzo may be rendered absorbent when mechanically prepared, and ARDEX P 82 is not suitable for absorbent substrates. Always test for absorbency in accordance with ASTM F3191. Refer to the specific requirements in the technical data sheet for the selected ARDEX underlayment to choose the appropriate primer.

Step 2: Treating Joints and Cracks

Refer to the specific requirements in the technical data sheet for the selected ARDEX Underlayment.

Step 3: Application

Recommended Tools

Mixing paddle; foam squeegee (optional); short-nap or sponge paint roller

Mixing and Application

ARDEX P 82 is supplied as a two-component unit that consists of two 1/2-gallon containers: Part A (liquid is red in color) and Part B (liquid is white in color). Mix the entire contents of Part A with Part B using a mixing paddle.

Within one hour of mixing, apply to the substrate with a foam squeegee or a short-nap or sponge paint roller. The coat of primer should be very thin while maintaining 100% coverage. Do not leave any bare spots. Back roll with a dry roller to remove excess primer.

Applying at the proper coverage rate is critical to the success of the installation of the subsequent ARDEX underlayment. Too little primer can prevent proper bonding. A thick coat of primer will produce a soft, rubbery, flexible surface, which can result in cracking and possible disbonding of the ARDEX underlayment.

Approximate Coverage***

Substrate	Coverage
Non-absorbent (non-porous; burnished) Concrete; Ceramic, quarry or porcelain tiles; Non-porous (non-absorbent) cementitious terrazzo; Non-Water-Soluble Adhesive Residue on Concrete; Concrete treated with certain curing compounds (test area only; for full instructions, see: www.ardexamericas.com/properprep	400 - 500 sq. ft. 37 - 46.5 m ²
Epoxy terrazzo / Epoxy Coatings; Metal (non- aluminum)	500 - 600 sq. ft. 46.5 - 55.5 m ²

***Per unit using short-nap or sponge paint roller

Drying Time

Allow primer to dry to a thin, slightly tacky film (min. 3 hours, max. 24 hours). All dry times are calculated at 70°F (21°C). Drying time is a function of jobsite temperature and humidity conditions. Low substrate temperatures and/or high ambient humidity will extend the drying time. Adequate ventilation and heat will aid drying. Do not install the ARDEX underlayment before the primer has dried thoroughly.

Step 4: Tool Cleanup

Clean all tools with water before product dries.

Notes

Intended for use by professional contractors who are trained in the application of this product and/or similar products. Not sold by ARDEX through home improvement centers. For information on ARDEX Academy trainings, visit ardexamericas.com. Never mix with cement or additives outside of our written recommendations. In accordance with industry standards, and to determine the suitability of the products for the intended use, always install an adequate number of properly located test areas.

Observe the basic rules of concrete work, including the minimum surface and air temperatures detailed above. Install quickly if the substrate is warm, and follow the warm weather installation guidelines available on our website. If the installation is not proceeding as expected: Contact the ARDEX Technical Service Department before proceeding further. Dispose of packaging and residue in accordance with prevailing regulations. Do not flush material down drains. Do not reuse packaging.

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.

Technical Data According to Manufacturer Quality Standards

Physical properties are typical values and not specifications. and Testing completed at 70°F / 21°C.

VOC:	5.5 g/L, ASTM D2369
Packaging:	1 gal. (3.78 L) Unit
Storage:	Store in a cool, dry area. Do not leave units exposed to sun. Keep from freezing. Keep away from heat.
Shelf Life:	12 months, if unopened and properly stored
Warranty:	ARDEX L.P. Standard Limited Warranty applies. For full warranty details: ardexamericas.com/services/warranties .

Made in the USA.

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Visit www.youtube.com/ARDEX101 to watch ARDEX product demonstration videos. For recommended installation tools, visit DTA USA at www.dtausagroup.com. For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App.



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