



ARDEX K 60™ ARDITEX

Rapid Setting Latex Smoothing and Leveling Compound

Use to level and smooth a variety of interior substrates

Mix with latex additive; no water required for mixing

No mechanical profiling required in most applications

No priming required in most applications

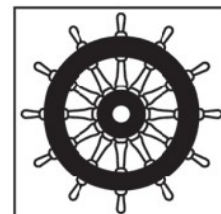
Trowelable and self-smoothing at 1/8" (3 mm) or less

Walkable in 2 - 3 hours

Install moisture-insensitive tile after 6 hours, most other floor coverings after 16 - 24 hours

Suitable for use beneath ARDEX MC™ Moisture Control Systems

Engineered to withstand 100% RH



Approved for use as a Primary deck covering on steel decks of ships.



ARDEX Americas
400 Ardex Park Drive
Aliquippa, PA 15001 USA
888-512-7339
www.ardexamericas.com

ARDEX K 60 ARDITEX

Rapid Setting Latex Smoothing and Leveling Compound

Suitable Substrates

- Concrete (structurally sound)
- Plywood subfloors (untreated)*
- Solid hardwood*; *²
- Absorbent terrazzo on concrete*²
- Properly installed ARDEX moisture control systems on concrete:
 - o ARDEX MC™ RAPID
 - o ARDEX VB 100™
- Other approved, non-porous materials on concrete*:
 - o Epoxy flooring systems*³
 - o Epoxy terrazzo*³
 - o Steel
 - o Ceramic, quarry and porcelain tile
 - o Approved, properly prepared, non-water-soluble adhesive residue on concrete
- Concrete treated with certain curing compounds (test areas only; for full instructions, see:
www.ardexamericas.com/services/properprep)

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

*² It is the responsibility of the installation contractor to ensure the substrate is rigid, well supported, properly anchored and free of undue flex and vibration.

*³ Because epoxy flooring systems vary, install properly located test areas to determine suitability and compatibility.

Suitable Applications

- All grade levels
- Interior applications only
- Areas to receive suitable floor covering materials, such as carpet, vinyl, ceramic tile, etc.
- Fast-track leveling applications over ARDEX MC RAPID
- Smoothing and leveling applications beneath ARDEX MC™ Moisture Control Systems (contact the ARDEX Technical Service Department for instructions)
- Not intended for use as a permanent wear surface. If a permanent wear surface is needed, see:
www.ardexamericas.com/products/ardex-surfaces
- Meets UL's standards for International Maritime Organization's Fire Test Procedures (FTP Code) as well as the required limits of the Smoke and Toxicity and Surface Flammability Tests. Eligible for use as a Primary Deck Covering in merchant vessels. (Certificate Number 20161101-R38625; Report Reference R38625-20161031)

Jobsite Conditions

During installation and cure, substrate and ambient temperatures must be a minimum of 50°F / 10°C.

If installing over in-floor heating systems, turn the heating system off 48 hours before, during and at least 48 hours after installation.

Protect the installation from drafts, direct sunlight and forced air.

Step 1: Moisture Evaluation and Testing

This product is intended for interior applications only. Hydrostatic pressure, plumbing leaks, flood conditions and other sources of moisture intrusion must be identified and corrected prior to installation. This product is not a vapor barrier and will allow free passage of moisture vapor.

Test concrete relative humidity (RH) in accordance with ASTM F2170. Moisture control is required in the following circumstances:

- If the RH exceeds the requirements of the selected floor covering manufacturer;
- If the RH exceeds the requirements of the selected adhesive manufacturer.

For high-moisture applications, especially in new construction, moisture control is recommended over on-ground slabs where the presence of an effective and intact vapor retarder cannot be confirmed.

Moisture Control System Selection

- ARDEX MC™ RAPID Moisture Control System
- ARDEX VB 100™

If moisture control will not be installed, select the appropriate primer in accordance with the Priming Method Selection section below.

Priming Method Selection (select applications)

If a moisture control course will not be applied, priming is needed only for select applications as follows:

- ARDEX P 82™ Ultra Prime
- ARDEX P 51™ Primer
- ARDEX P 4™ Pre-Mixed, Rapid-Drying, Multipurpose Primer

Substrate (Dry areas only; Interior applications only; All grade levels)	Priming Course
Extremely absorbent concrete:	ARDEX P 51 "Double Prime"
Non-ARDEX epoxy substrates and epoxy terrazzo	ARDEX P 82 or ARDEX P 4
Standard absorbent concrete (optional to minimize pinholing)	ARDEX P 51™ 1:1 with water or ARDEX P 4

Step 2: Substrate Preparation (Proper Prep™)

For full details on substrate preparation, reference the ARDEX Proper Prep™ guidelines at www.ardexamericas.com:

- Article 1.1: Preparing Concrete for ARDEX or HENRY Underlayments
- Article 1: Preparing Concrete for Bonded ARDEX or HENRY Applications
- Article 2: Preparing Wood for Bonded ARDEX Applications
- Article 3: Preparing Metal for Bonded ARDEX Applications

Mechanically clean substrate, if necessary, by shot blasting, scarifying or similar methods. 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; unapproved curing compounds and sealers; unsuitable adhesive residues.

Non-water-soluble adhesive residue must be wet scraped to a thin, well-bonded residue (rfci.com). For additional information, see Article 1 above.

Shot blast steel substrates prior to installation.

Depending on the selected priming course, additional prep may be needed, as follows:

Primer	Minimum Preparation
ARDEX P 4	Substrate must be clean
ARDEX P 51 ARDEX VB 100	Substrate must be clean and absorbent (ASTM F3191)
ARDEX P 82	Substrate must be clean and not absorbent.
ARDEX MC RAPID	Mechanically remove all adhesive residue, sealers, curing compounds, tiles, mortars and epoxy flooring systems down to clean, sound, solid concrete / terrazzo. Concrete and terrazzo substrates must be clean and prepared to a minimum CSP 3 / maximum CSP 5 (icri.org).

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.

Step 3: Treating Joints and Cracks

All moving joints, including expansion joints and isolation joints, as well as all moving cracks, must be honored up through the entire flooring system, including the finishing course. Under no circumstances should this product or any other component of the flooring system be installed over these.

Dormant control joints and dormant cracks that will not be honored may be pre-filled; however, this filling is not intended to act as a repair method that will eliminate the possibility of telegraphing. Non-structural materials are unable to restrain movement within a concrete slab. Cracks will telegraph in any area that exhibits movement, such as an active crack, an expansion or isolation joint, or an area where dissimilar substrates meet. We know of no method to prevent this telegraphing.

If an ARDEX moisture control system will be installed (see "Moisture Testing" section above): All dormant joints and dormant cracks greater than a hairline (1/32" / 0.8 mm) that will not be honored must be pre-filled with ARDEX ARDIFIX™ Low Viscosity Rigid Polyurethane Crack and Joint Repair and sand broadcasted to refusal in strict accordance with the technical data sheet.

For filling open joints in plywood subfloors, use ARDEX FEATHER FINISH or similar in accordance with the technical data sheet or www.ardexamericas.com.

Step 4: Priming or Moisture Control Installation

Products may need longer drying times with low surface temperatures and/or high ambient humidity. Do not proceed with subsequent steps before product has dried thoroughly.

See sections entitled "Moisture Evaluation and Testing" and "Priming Method Selection" above. Install the ARDEX moisture control system or primer in accordance with the appropriate technical data sheet:

www.ardexamericas.com/products

Step 5: Mixing and Application

Recommended Tools

- ARDEX T-1 Mixing Paddle
- ARDEX T-10 Mixing Drum
- ARDEX T-4 Spreader
- ARDEX T-5 Smoother
- ARDEX T-6 Spiked Roller
- 1/2" (12 mm) heavy-duty drill (minimum 650 rpm)
- Cleated athletic shoes with non-metallic spikes

Safety and OSHA Compliance

Handle each bag carefully to avoid creating dust. ARDEX recommends the use of ARDEX DUSTFREE™ tools or a standard vacuum attachment with a HEPA dust extraction vacuum system.

Application Data

Mixing Ratio:	1 gallon (3.8 L) ARDEX K 60 latex liquid per 35 lb. (15.9 kg) bag; do not add water
Flow Time:	Approximately 10 minutes at 70°F / 21°C
Standard absorbent concrete (optional to minimize pinholing)	ARDEX P 51™ 1:1 with water

Thickness of Application

Application	Maximum Thickness
Over wood, steel or adhesive residue; over ARDEX MC RAPID in fast-track leveling application:	1/4" (6 mm)
All other cases:	1/2" (12 mm)

Average Minimum Thickness

ARDEX K 60 may be featheredged and skim coated to match existing elevations.

If a true featheredge is required, use ARDEX FEATHER FINISH®.

For applications requiring thicknesses greater than 1/2" (12 mm), use an appropriate ARDEX self-leveling underlayment.

Mixing

Pour the ARDEX K 60 latex liquid into the mixing container first, then add the powder while mixing with the mixing paddle and heavy-duty drill.

Mix thoroughly for approximately 2 - 3 minutes to obtain a lump-free mix.

Do not add additional ARDEX K 60 latex liquid or other additives.

Application

As this product is installed in thin applications, the profile of the substrate can affect the flatness and smoothness of the product. The thickness of the application should be calculated based on the surface profile of the substrate and the specified tolerances of the subsequently installed finish surface.

Pour the mixed material onto the floor and spread with spreader. Immediately smooth with the smoother or use a spiked roller.

Work continuously during the entire self-leveling installation. Wear cleated athletic shoes with non-metallic spikes to avoid leaving marks in the liquid.

ARDEX K 60 may also be applied with a trowel.

Fast-track leveling over ARDEX MC RAPID

ARDEX K 60 can be installed at a maximum thickness of 1/4" (6 mm) over ARDEX MC RAPID without the ARDEX MC RAPID being primed or sand broadcasted, provided the ARDEX MC RAPID has cured no longer than 20 hours (min. 4 hours; 70°F / 21°C). Please note that higher temperatures will cause the ARDEX MC RAPID to cure more quickly, thus reducing the maximum time to install ARDEX K 60 over ARDEX MC RAPID without priming the ARDEX MC RAPID.

Step 6: Drying Time and Installation of Flooring

All dry times are calculated at 70°F / 21°C.

Drying time is a function of substrate temperature, ambient conditions, humidity and installation thickness. Low temperatures and/or high humidity will extend drying time. Adequate ventilation and heat will aid drying. Forced drying is not recommended.

Walkable:	2 - 3 hours
Moisture-insensitive tile (ceramic, quarry, porcelain):	6 hours
Porous-backed carpet:	12 hours
All other cases	16 - 24 hours

Notes

Intended for use by professional contractors trained in the application of this product and/or similar products. Not sold by ARDEX through home improvement centers.

Always install an adequate number of properly located test areas, including the finish flooring, to determine suitability for the intended use.

As floor coverings vary, always follow the floor covering manufacturer's written requirements regarding moisture limitations, adhesive selection and intended end use.

Never mix with cement or additives outside of ARDEX written recommendations.

Observe the basic rules of concrete work, including the minimum surface and air temperatures listed above. For warm weather installation, contact the ARDEX Technical Service Department.

Dispose of packaging and residue in accordance with applicable 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, refer to the Safety Data Sheet (SDS) available at

www.ardexamericas.com.

Technical Data According to ARDEX Quality Standards

All data based on a partial, in-lab mix at 70°F / 21°C and in accordance with ASTM C1708, where applicable.

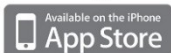
Physical properties are typical values and not specifications.

Coverage:	21 sq. ft. per bag at 1/4" (1.95 m ² at 6 mm) / 42 sq. ft. per bag at 1/8" (3.9 m ² at 3 mm) / Up to 84 sq. ft. per bag at 1/16" (7.8 m ² at 1.5 mm) Dependent on surface profile, density and porosity.
Brinell Hardness (ASTM E10 modified):	Approx. 3,000 psi (211 kg/cm ²) at 24 hours
Compressive Strength (ASTM C109 modified):	Approx. 3,500 psi (245 kg/cm ²) at 28 days
Packaging:	35 lb. (15.9 kg) bag with 1 gallon (3.8 L) liquid
Storage:	Store in a cool, dry area. Protect from freezing and direct sunlight.
Shelf Life:	Powder: 1 year unopened; Latex Liquid: 9 months unopened.
Warranty:	ARDEX Standard Limited Warranty applies. Also eligible for the ARDEX/HENRY SystemOne™ Warranty when used in conjunction with select HENRY® Flooring Adhesives.

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.



ARDEX Americas
400 Ardex Park Drive
Aliquippa, PA 15001 USA
888-512-7339
www.ardexamericas.com