ARDEX AMERICAS | Substrate Preparation Products
ARDEX Americas, one of the largest ARDEX corporate units, encompasses the U.S., Canada, Mexico, Central and South America, and the Caribbean Basin.

ARDEX Engineered Cements introduced ARDEX K 15® Premium Self-Leveling Underlayment to the United States in 1978. The original self-leveling underlayment remains the most specified underlayment today. This same industry-leading spirit of innovation continues as ARDEX Americas raises the bar for industry standards in research, development, technical support and architectural services.

The original self-leveling underlayment remains the most specified underlayment today.

ARDEX AMERICAS LINE OF SUPERIOR PRODUCTS

- Tile & Stone Installation Systems
- Subfloor Preparation and Toppings
- ARDEX MC™ Moisture Control Systems
- ARDEX Polished Concrete Systems™ (APCS)
- Engineered Concrete Repair Systems (ECRS)
- ARDEX PANDOMO®
- ARDFLO™ Pumping Systems
- ARDEX Concrete Management Systems™ (ACMS)
- HENRY® Adhesives

Low VOC  |  Low Odor  |  Contributes to LEED® points

ARDEX Americas works tirelessly to develop new formulas that consume fewer natural resources and reduce emissions.
The people of ARDEX Americas are proud to provide quality products combined with legendary customer service. The most knowledgeable professional sales team in the industry provides valuable on-site product know-how, product demonstrations, jobsite start-up and an Immediate Response Guarantee to be on the Jobsite within 24 hours*.

*In limited cases, geographical restrictions may require an extra day.

The ARDEX Technical Service Department provides jobsite support, technical recommendations, start-up assistance and a 24-hour jobsite response time*.

At ARDEX Academy, more than 7,000 professionals train annually at eight ARDEX Academy locations in North America, earning product knowledge, hands-on product experience and the latest installation techniques.

The National Programs Team is a single source point of contact for written specifications, document assistance, product selection and technical support in the retail, healthcare, education and government and military segments.
Engineered Cements® providing the architect, contractor, installer and interior designer with the choice to fill every budget, timeline and installation challenge.

Choose High Flow

**ARDEX K 16™**
High Flow, Self-Leveling Underlayment

Self-Leveling thin coat with high compressive strength.
- Levels at 1/8" (3 mm)
- Installs from 1/16" to 1/2" (1.5 to 12 mm)
- Can be tapered
- Walk on in 2 to 3 hours
- Install moisture-insensitive tile and stone after 6 hours
- Install most other floor coverings after 16 hours

Choose Reactivatable™

**ARDEX K 10™**
Reactivatable™ High-Flow, Self-Leveling Underlayment

Reactivatable™ with a spike roller for up to 25 minutes.
- Levels at 1/8" (3 mm)
- Installs from 1/16" to 1/2" (1.5 to 12 mm)
- Can be tapered
- Walk on in 2 to 3 hours
- Install moisture-insensitive tile and stone after 6 hours
- Install most other floor coverings after 24 hours

Choose Faster Dry Time

**ARDEX K 13™**
Premium Self-Leveling Underlayment

Install up to 1" and install floor covering in just 16 hours.
- Levels at 1/4" (6 mm)
- Installs from 1/8" to 1" (3 mm to 2.5 cm)
- Can be tapered
- Walk on in 2 to 3 hours
- Install moisture-insensitive tile and stone after 6 hours
- Install most other floor coverings after 16 hours

Choose the Benchmark

**ARDEX K 15®**
Premium Self-Leveling Underlayment

The original and the most specified Self-Leveling Underlayment.
- Installs over wood or metal
- Levels at 1/4" (6 mm)
- Installs from 1/8" to 1 1/2" (3 mm to 4 cm) neat
- Up to 5" (13 cm) with aggregate
- Walk on in 2 to 3 hours
- Install moisture-insensitive tile and stone in 6 hours
- Install all other floor coverings in 16 hours

Choose the Workhorse

**ARDEX V 1200™**
Self-Leveling Underlayment

The trusted underlayment for big jobs on tight schedules.
- Levels at 1/4" (6 mm)
- Installs from 1/8" to 1 1/4" (3 mm to 3 cm)
- Walk on in 2 to 3 hours
- Installs ceramic, quarry and porcelain tile in 6 hours
- Installs most floor coverings in as little as 24 hours

For full installation instructions see product tech data sheets.
Choose Versatile, No Water

ARDEX K 60™ ARDITEX
Rapid Setting Latex Smoothing and Leveling Compound
Unmatched flexibility and adhesion.
No time – No problem.

- No water required
- Trowelable
- Installs over steel
- Levels at 1/8” (3 mm)
- Installs from 1/16” to 1/2” (1.5 mm to 12 mm)
- Walk on in 2 to 3 hours
- Install:
  - Moisture-insensitive tile after 6 hours
  - Porous-backed carpet after 12 hours
  - Other flooring structures after 16 to 24 hours.
  - Skim coating applications may be suitable for the installation of finish flooring in as little as 4 hours under ideal drying conditions

Choose Gypsum or Wood

ARDEX GS-4™
Self-Leveling Repair Underlayment for Distressed Gypsum and Wood Subfloors
Recommended for use with in-floor hydronic and electric radiant heat.

- Levels at 1/4” (6 mm), Installs from 1/8” (3 mm)
- Installs up to 2” (5 cm) neat
- Installs up to 5” (13 cm) with aggregate
- Walk on in 3 hours
- Install most floor coverings in 2-3 days

* Use ARDEX MC™ Moisture Control Systems on or below grade

Choose Low Prep

ARDEX LU 100™
Self-Leveling Flooring Underlayment
Installs directly over primed VCT

- Levels at 1/4” (6 mm)
- Installs from 1/8” (3 mm) to any thickness
- Walk on in 3 hours
- Install floor coverings as soon as the underlayment has dried sufficiently for the floor covering selected, generally 2 to 3 days
- Use ARDEX MC™ Moisture Control Systems on or below grade
TROWELED UNDERLAYMENTS

Self-Drying

These Portland cement-based troweled underlayments mix with water only and are for interior use on, above or below grade. Install floor covering as soon as the patch hardens.

ARDEX FEATHER FINISH®
Self-Drying, Cement-based Finish Underlayment
Can be installed over virtually any surface.
• Install floor covering in as little as 15 minutes
• Almost any depth in small areas
• True featheredge

ARDEX SD-P®
Self-Drying, Fast Setting Concrete Underlayment
• Semi-fluid consistency for easy ramps and transitions
• Up to 1" (2.5 cm) neat
• Up to 3" (7.6 cm) with aggregate in areas up to 4 sq. ft.

ARDEX FORTI FINISH™
High Strength Self-Drying Finishing Underlayment
Developed to handle heavy rolling and high point loads. No priming is required in most applications.
• ASTM C109
  - 7800 psi at 28 days
  - Over 2,000 psi at 1 day
• Install floor covering in as little as 15 minutes

Install Floor Coverings in 1 to 2 Hours

These troweled underlayments mix with water only, are for interior use and require no sanding.

ARDEX GPS™
General Patch & Skimcoat
Can be used over vinyl composition tile (VCT) and as an embossing filler for residential sheet vinyl when mixed with ARDEX E 25™ Resilient Emulsion.
• Install from a true featheredge up to 1/2" (12 mm)
• Walk on in approximately 30 minutes
• Install floor coverings in approximately 1 to 2 hours

ARDEX SKM™
Skimcoat Patch & Finishing Underlayment
Ideal for skimcoating.
• Install from a true featheredge up to 1/2" (12 mm)
• Walk on in approximately 30 minutes
• Install floor coverings in approximately 1 to 2 hours

ARDEX MRP™
Moisture Resistant Patch for Concrete to Receive ARDEX MC™ Moisture Control Systems
• Walk on in 3 to 4 hours
• Install ARDEX MC™ Moisture Control Systems in 16 hours

For full installation instructions see product tech data sheets.
MOISTURE REMEDIATION

ARDEX MC™ Moisture Control Systems

Suppress excessive moisture vapor emissions in new or existing concrete prior to installing an ARDEX underlayment with flooring or an ARDEX topping.

ARDEX MC™ RAPID
One-Coat Moisture Control System for Concrete to Receive ARDEX Underlayments

ASTM E96 perm rating: 0.06 perms
No sand broadcast required for underlayment applications of 1/4" (6 mm) or less

• Working time: 20 minutes
• Pot life: 20 minutes
• Prime and install underlayment: min. 4 hours/max. 16 hours

ARDEX MC™ ULTRA
Two-Coat Moisture Control System for Concrete to Receive ARDEX Toppings and Underlayments

ASTM E96 perm rating: 0.02 perms
Provides secondary top-down waterproofing.
There are no limits for the thickness of the topping or underlayment installed over ARDEX MC ULTRA.

• Working time: 30 minutes
• Pot life: 30 minutes
• Install underlayment or topping: Min. 16 hours after ARDEX MC ULTRA sealer is installed, No max

Two-color system clearly identifies where each coat has been placed improving application accuracy.

ARDEX Industry-Best Warranties

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ARDEX MC™ PLUS
Two-Coat Moisture Control System for Concrete to Receive ARDEX Underlayments

ASTM E96 perm rating:
  2 coats, each at 8 mils: 0.12 perms
  2 coats, 1st at 8 mils and 2nd at 10 mils with sand: 0.1 perms
No sand broadcast required for underlayment applications of 1/4" (6 mm) or less

• Working time: 20 minutes
• Pot life: 20 minutes
• Prime and install underlayment: Min. 8 hours after ARDEX MC PLUS sealer is installed; Max. 24 hours

Two-color system clearly identifies where each coat has been placed improving application accuracy.
Crack Repair

ARDEX ARDIFIX™
Low Viscosity Rigid Polyurethane Crack & Joint Repair

For dormant cracks, dormant control joints, spalls and pop-outs. Seals off cracks and saw-cuts prior to installing ARDEX MC™ Moisture Control Systems, Underlayments and Toppings.

Two-part polyurethane. Service temperature 0°F to 110°F (-17 to 43°C).
• Sets in 2 minutes
• Tack-free in 10 minutes
• Full service in 45 minutes

Primers

ARDEX EP 2000™
Substrate Preparation Epoxy Primer
Prime concrete and certain non-porous substrates. Can be used as crack filling material.
• 100% solids epoxy resin
• Install ARDEX underlayments and toppings 16 hours after sand broadcast
• Required primer for ARDEX decorative toppings

ARDEX P 51™
Primer
Improves adhesion of ARDEX products by sealing standard absorbent concrete substrates, and also other substrates in specialized applications.
• Dry time approximately 3 hours
• Apply ARDEX cement within 24 hours
• Use double application for extremely absorbent concrete

ARDEX ARDISEAL™ RAPID PLUS
Semi-Rigid Joint Sealant

Designed specifically to fill cracks and joints in concrete floors that will receive foot and heavy-duty rubber-wheeled traffic.

Two-part semi-rigid joint sealant. Service temperature -40°F to 120°F (-40°C to 48°C).
• 100% solids
• No shrinkage
• Cures in 90 minutes

ARDEX P 82™
Ultra Prime

Improves adhesion of ARDEX products over smooth, non-absorbent substrates.
• Two-component primer
• Dry time approximately 3 hours
• Apply ARDEX Underlayments within 24 hours

For full installation instructions see product tech data sheets.
Installation Tools

ARDEX Self-Leveling Tool Kit
ARDEX T-10 Black Mixing Barrel
ARDEX T-1 Mixing Paddle
ARDEX T-4 Spreader
ARDEX T-5 Smoother
ARDEX Measuring buckets

ARDEX T-2 Mixing Paddle
For ARDEX Troweled Underlayments and Toppings

ARDEX T-6 Spiked Roller
For ARDEX K 60™ ARDITEX

ROVER® Rolling Barrel Cart
Up to 3 bags in a single mix
ARDIFLO™ Systems offer equipment designed to match capabilities with project parameters. Pumps are available for rent or purchase with a broad range of training and support options. Tailored warranty and contractor programs are available.

**POWERFLO® High-Capacity Pump Trailer**
- 16,500 sq. ft. (1,533 m²)
- per hour at 1/4" (6 mm)
- Pumps up to 150 feet vertically and 600 feet horizontally

**CUBE® Medium-Capacity Mobile Mixing Pump**
- **Standard** - Pumps up to 7,500 sq. ft. or 697 m²
- **High Output** - Pumps up to 12,000 sq. ft. or 1,115 m²
- Pumps 150' (45 m) vertically and 400' (122 m) horizontally

**AMP® Automatic Mixing Pumps**
- **AMP® 200 High Output Model**
  - Pumps up to 6,000 sq. ft. (557 m²)
- **AMP® 100 Standard Model**
  - Pumps up to 3,000 sq. ft. (279 m²)
- Pumps 60' (18 m) vertically and 200' (60 m) horizontally

Pumps capacities per hour at 1/4" (6 mm)
For full installation instructions see product tech data sheets.

*The Super Sack*
- High Capacity Underlayment
  - Ideal for rough-screeded concrete surfaces. Designed for the POWERFLO® high-capacity pumping system. Can be tapered to meet existing elevations. Walkable in 2 to 3 hours.

**ARDEX HC 100™**
- High-Capacity Self-Leveling Underlayment
  - Installs up to 1 1/4" (3 cm) neat
  - Install moisture-insensitive tile and stone after 6 hours, most other floor coverings after 1 to 3 days

**ARDEX HC 100R™**
- High-Capacity Rapid Self-Leveling Underlayment
  - Installs up to 1 1/2" (4 cm) neat
  - Install moisture-insensitive tile and stone after 6 hours, all other floor coverings after 16 hours

www.ardiflo.com
This 113,000 sq. ft., four floor installation of ARDEX underlayment was no challenge for the CUBE®. Over the course of the pumping operation the CUBE averaged 7,000 sq. ft. per hour.

The CUBE delivers up to 24,000 pounds or 480 bags of mixed material covering 12,000 square feet at 1/4-inch in just one hour. It can pump mixed product 150 feet vertically and 400 feet horizontally.

Because the CUBE has a 7,500-pound bulk hopper, it accepts 2,204-pound super sacks, significantly reducing waste and material handling. Using medium and high-capacity pumps eliminates the labor intensive process of staging pallets, bags, and mixing barrels.

The CUBE Medium-Capacity Mobile Mixing Pump and all ARDIFLO™ delivery units are supported by the highly trained and experienced ARDEX Technical Pump Team.

Installer: Business Interiors
Woburn, Massachusetts
Flooring installations are ranked by architects and contractors as one of the most challenging aspects of any building project. The SystemOne™ Total Solution provides the ultimate peace of mind by ensuring consistently successful flooring installations through high-performance ARDEX and HENRY® product systems. ARDEX Americas is so confident in its products that SystemOne offers the most comprehensive installation system warranty available in the industry. Qualified installations receive full replacement warranties.