



ARDEX TILE & STONE SYSTEM SOLUTIONS

www.ardexamericas.com



tile & stone
Installation Systems



LEADING PLAYER
IN WORLD MARKETS
HIGH-PERFORMANCE
SPECIALTY BUILDING
PRODUCTS
FAMILY-OWNED
BUSINESS



ARDEX Production Facility
Stockton, CA

VISION

Our vision is to be one of the world's leading solution and service providers of innovative building systems.

PERFORMANCE

ARDEX delivers time-tested solutions for the most complex installation problems. We strive for market leadership in defined markets worldwide. ARDEX Americas, serving the US, Canada and Latin America, stands for German Engineering made in North America.

SYSTEM SOLUTIONS

As an experienced industry partner, we are committed to providing the highest quality materials designed with the installer in mind. We derive our inspiration from you, our customers.

71
SUBSIDIARIES

3,900+
EMPLOYEES

50+
COUNTRIES

18+
MAJOR BRANDS



ARDEX AMERICAS
HEADQUARTERS

Aliquippa, Pennsylvania, USA



ARDEX GROUP
HEADQUARTERS

Witten, Germany





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BUILT BY
YOU™
backed by **ARDEX**

At the end of the day, you take pride in a job well done. Building your legacy, one project at a time. Every install you complete is a tribute to both your skill and work ethic. At ARDEX we honor the craftsmanship you put into every job and recognize your commitment to projects that stand the test of decades. ARDEX has your back with exceptional products, along with training, support and warranties that will let you sleep a little easier.

SystemOne™ Tile & Stone Warranty

ARDEX delivers complete, single source tile & stone installation systems designed with the installer in mind. With complete system solutions from substrate prep up through the grout for virtually any installation project, all backed by the industry best single source SystemOne™ warranty!

systemONE™ warranty	25-Year	10-Year	5-Year
SUBSTRATE PREPARATION	ARDEX Liquid BackerBoard® ARDEX AM 100™ ARDEX A 38™ ARDEX A 38™ MIX	ARDEX TL 1400™ ARDEX TL 2000™	ARDEX TL 1000™
WATERPROOFING	ARDEX 8+9™ ARDEX UI 740™ FLEXBONE® ARDEX TLT™ 716 ARDEX TLT™ 717	ARDEX S 1-K™	
CRACK ISOLATION	ARDEX 8+9™	ARDEX S 1-K™	
SOUND DEADENING	ARDEX DS 70™		
UNCOUPLING SYSTEMS	ARDEX UI 740™ FLEXBONE®		
MORTARS AND ADHESIVES	ARDEX X 77™ MICROTEC® ARDEX X 78™ MICROTEC® ARDEX X 65™ Lite ARDEX X 90 OUTDOOR™ ARDEX X 32™ MICROTEC® ARDEX S 28™ MICROTEC® ARDEX N 23™ MICROTEC® ARDEX S 48™	ARDEX X 5™ ARDEX X 7 R™	ARDEX X 4™ ARDEX X 3 PLUS™ ARDEX X 3™ ARDEX D 14™
GROUTS	ARDEX FL™ ARDEX FG-C™ ARDEX WA™ ARDEX DG 1™	ARDEX FH™	

*If priming is required the appropriate ARDEX primer must be used per the technical data instructions.

The products eligible for the SystemOne™ Tile & Stone Warranty Program are limited to interior, non-submerged applications and installations of 5,000 sq. ft. or less only. For warranty information and consideration for exterior installations, submerged applications and installations over 5,000 square feet, please consult with the ARDEX Technical Services Department.

SUBSTRATE PREPARATION

With today's trends to increasingly larger and super format tile, a smooth, flat surface and proper substrate preparation are more critical than ever before. ARDEX, the originator of self-leveling technology, offers a variety of high-performance, substrate preparation products delivering the right solution for every type of installation.

ARDEX LIQUID BACKERBOARD®

Self-Leveling Underlayment for Interior Wood and Concrete Subfloors

- No metal lath mesh or additives required
- Walk on in 3 hours, install tile in 6 hours
- Installation thickness up to 1 1/4" (32 mm)

ARDEX TL 2000™

Self-Leveling Underlayment for Wood and Distressed Gypsum Subfloors

- Fiber-reinforced, no metal lath required
- Use over plywood, OSB, as well as existing gypsum substrates
- High-flow, install tile in 24 hours

ARDEX TL 1400™

Self-Leveling Underlayment

- Use over concrete, terrazzo and tile,
- High flow and pumpable, install up to 1 1/4" (3 cm)
- Walk on 2-3 hrs., install tile in 6 hours

ARDEX TL 1000™

Self-Leveling Underlayment

- Value and performance
- Walk on in 4-5 hours, install tile in 6 hours
- Installation thickness up to 1 1/4" (32 mm)

ARDEX K 60™ ARDITEX

Rapid Setting Latex Smoothing and Leveling Compound

- No water required for mixing; simply mix with latex additive
- Low prep, no mechanical profiling required in most cases
- Moisture resistant

ARDEX AM 100™

Pre-Tile Ramping and Smoothing Mortar

- Smooth walls and install tile in just 2 hours
- No sag or slump
- 1/4" (6 mm) to 1 1/4" (32 mm) in just one lift

ARDEX A 38™

Rapid Set Screed

- Rapid hardening; walkable in 3 hours
- Install tile or stone after only 4 hours
- Suitable for bonded, unbonded or floating screeds

ARDEX SKM™

Skimcoat Patch and Finishing Underlayment

- Non-sanded for a true featheredge
- Walk on and install floor covering in as little as 30 minutes
- Creamy consistency

ARDEX P 4™

Pre-Mixed, Rapid-Drying, Multipurpose Primer

- For use prior to the installation of ARDEX Tile & Stone Installation Systems and most ARDEX Self-Leveling Underlayments
- Ideal for tile over tile installation
- Dries in as little as 30 minutes

MORE PRIMING SOLUTIONS

- ARDEX P 51™ Primer
- ARDEX P 82™ Ultra Prime

For a complete product listing visit: www.ardexamericas.com



ARDEX Liquid Backerboard®



ARDEX AM 100™

WATERPROOFING AND CRACK ISOLATION SYSTEMS

ARDEX waterproofing products provide complete protection for any wet application ranging from showers to swimming pools. Choose wind-driven rain protection with a two-component cement based waterproofing membrane, or a single-component easy-to-use waterproofing membrane, both providing crack isolation. ARDEX also offers the lowest perm rating in the industry with a sheet-applied waterproofing membrane, ideally suited for steam showers or pool installations.

ARDEX 8+9™

Rapid Waterproofing and Crack Isolation Compound

- 1/3 the cost per sq. ft. vs. competitive products
- Install tile in just 90 minutes, flood test in 4 hours
- Outstanding coverage; 100 sq. ft. (9.29 sq. m.) per unit

ARDEX S 1-K™

One-Component Waterproofing and Crack Isolation Membrane

- Flexible, for use on interior floors and walls
- Premixed in a resealable container
- Warranty coverage in 2 coats every time

Accessories include:

ARDEX SK MESH™

ARDEX SK DRAIN™

ARDEX TLT™ Waterproofing Membrane

- A modified polyethylene (PEVA) core with a non-woven polypropylene on both sides
- Provides protection of the substrate from moisture penetration
- Approved for commercial steam showers; has a water vapor permeance of 0.051 perms, when tested according to ASTM E96, using Procedure E at 90% relative humidity

Roll sizes:

TLT 716™ - 108 sq. ft. (10 m²)

TLT 717™ - 323 sq. ft. (30 m²)

For a complete product listing visit: www.ardexamericas.com



UNCOUPLING / IN-FLOOR HEATING / SOUND DEADENING SYSTEMS

From the world's first and only 100% true uncoupling, loose laid system, to superior protection for high traffic, large format installations, as well as energy efficient, total floor warming comfort and sustainable acoustic sound reduction solutions – ARDEX provides complete, single source system solutions for uncoupling, floor warming and sound deadening designed for ease of installation and peace of mind from maximum protection, performance and durability.

ARDEX UI 740™ FLEXBONE®

Uncoupling Membrane

- Prefill in just one pass
- High load-bearing; Ideal for large format tile and stone in heavy traffic areas



ARDEX FLEXBONE® HEAT In-Floor Heating Systems

Maximum comfort and energy efficiency.
More heat comfort where you want it, on your bare feet!

ARDEX FLEXBONE® HEAT Membrane

- 4-in-1 In floor heating, uncoupling and waterproofing
- Minimal memory
- XL uncoupling for seamless transition with hardwood or other uneven flooring surfaces

ARDEX FLEXBONE® HEAT Cables

- Cold/hot junction self-contained within the wire, no box, no cutting
- Maximum heat spread with less wattage usage
- 34 sizes (120 V and 240 V)

ARDEX FLEXBONE® HEAT Thermostats

3 popular options:

- ARDEX FLEXBONE® HEAT Remote WiFi and Touch Thermostat
- ARDEX FLEXBONE® HEAT Touch Programming Thermostat
- ARDEX FLEXBONE® HEAT Non-Programmable Thermostat

SOUND DEADENING SYSTEMS

ARDEX DS 70™

Acoustic Mat

- Crack isolation up to 1/8" (3 mm)
- Set tile directly onto ARDEX DS 70 membrane
- Sustainable; 92% recycled rubber

For a complete product listing visit: www.ardexamericas.com



MORTARS

ARDEX high-performance, polymer-modified mortars deliver unmatched performance and ease of application. Whether installing mosaics to large or super format tile, ARDEX has you covered with our time tested lineup of German-engineered mortars.

Innovative solutions for every type of installation:

- **The ARDEX Difference**

Mortars that are creamy, smooth and very easy to apply with outstanding sag resistance and bond strength.

Great working times and pot life. ARDEX mortars re-whip to their creamy consistency again and again most up to 3 hours in the bucket with no slake time required.

ARDEX mortars go the distance, 40 lb. (18 kg) bags equal, or exceed, the coverage of a 50 lb. (25 kg) competitor bag.

- **ARDEX MICROTEC® Technology**

High performance microfibers blended with the highest quality polymers and cements for unmatched sag resistance, bond strength, open times and the creamiest mortars available today.

- **ARDEX Self-Drying Technology**

Proprietary formulations for sensitive tile and stone and perfect for super format, gauged panels

ARDEX X 7 R™

Rapid-Set, Flexible Tile and Stone Mortar

- Walk on or grout in just 3 hours
- Ideal for wet areas; showers and swimming pools

ARDEX X 5™

Flexible and Versatile Tile and Stone Mortar

- The “Workhorse”, ideal for thin bed to large and heavy tile installations
- Interior, exterior and wet areas

ARDEX X 4™

LFT Large Format Tile and Stone Mortar

- Ideal for LFT installs interior and exterior
- Recommended above and below uncoupling membranes

ARDEX X 3™ PLUS

LHT - Large and Heavy Tile and Stone Mortar

- Value and performance for thin bed and LHT installs
- Creamier, easier to apply vs. competitive LHT mortars

ARDEX X 3™

Tile and Stone Mortar

- Interior and exterior use

ARDEX S 48™

Rapid-Set Mortar / Mastic Hybrid

- Time to grout: Walls: 1 to 3 hours, Floors: 5 hours
- Excellent for quick tile repairs and fixes
- Brilliant white color, ideal for translucent glass

ARDEX D 14™

Type 1 Premixed Tile Adhesive (Mastic)

- Floors up to 6"x 6" tiles, walls up to 12"x 12" tiles
- Time to grout: Walls: 24 hours; Floors: 48 hours

For a complete product listing visit: www.ardexamericas.com



MORTARS - MICROTEC® Technology

ARDEX MICROTEC® Technology is designed specifically to handle today's most challenging installations including porcelain tile, very large format tile, natural stones and installations in high-traffic, high-stress areas. ARDEX products like ARDEX X 77™ MICROTEC® have received double ISO 13007 certification standards in the areas of strength and open time.

ARDEX X 77™ MICROTEC®

Fiber Reinforced Tile and Stone Mortar

- True 60-minute open time, unmatched sag resistance - Both double the ISO standard!
- Ideal for the most difficult environments: high traffic areas, exterior facades, super format tile

ARDEX X 78™ MICROTEC®

Semi-Pourable Tile and Stone Mortar

- Unique pourable consistency, full contact mortar
- Ideal for horizontal large and super format installations
- Open time: true 60 minutes

ARDEX X 65™ Lite

Lightweight Universal Tile and Stone Mortar

- Highly versatile lightweight mortar; 30lb. bag
- Very creamy; easy to apply and mix
- Outstanding coverage; 103 sq. ft. (9.5m²)

ARDEX S 28™ MICROTEC®

Rapid-Set, Rapid-Dry, Super-Format Tile and Uncoupling Membrane Mortar

- ARDEX proprietary self drying technology; rapid drying, rapid hardening and no shrinkage!
- Walk on and grout in just 4 hours
- Perfect for large and super-format tile and stone installations



ARDEX X 90 OUTDOOR™

MicroteC3 Rapid-Set, Flexible Tile and Stone Mortar

- Highest levels of freeze thaw resistance - Tested at 150+ freeze thaw cycles (7x greater than the ANSI 118.15 standard)
- Maximum efflorescence resistance, ideal in humid environments
- Outstanding rapid-setting properties, even at temperatures as low as 40°F/5°C

ARDEX X 32™ MICROTEC®

Universal Rapid Setting and Drying Thin-to-Thick Bed Mortar

- Ideal for ungauged tile and stone
- Thin-to-thick bed applications up to 1 1/4" (32mm)
- Fast setting, grout in 3 hours



ARDEX N 23™ MICROTEC®

Rapid Set Natural Stone and Tile Mortar

- Formulated for moisture-sensitive natural stone
- Thin-to-medium bed applications up to 5/8" (15mm)
- Rapid setting, grout in 2 hours



For a complete product listing visit: www.ardexamericas.com



GROUTS, CAULKS AND SEALANTS

ARDEX grouts have been designed to match today's tile trends, while delivering the same trusted performance you expect. Unmatched, creamy consistency and their strong yet flexible end product, make ARDEX grouts perfect for every installation. Choose from sanded, unsanded and epoxy grouts in 36 colors.

NATURAL COLOR STRONG FINISH



ARDEX FL™

Rapid-Set, Flexible Sanded Grout

- Open to traffic in just 90 minutes
- Unique fluid consistency; very easy to apply
- Much fuller, stronger grout joints

ARDEX WA™

High Performance, 100% Solids Epoxy Grout and Adhesive

- Grout joints up to 1/2" (12 mm)
- Cleans with only water!
- Ideal for areas requiring maximum hygiene and chemical resistance

ARDEX FG-C™ MICROTEC®

Unsanded Grout

- Open to traffic in just 4 hours, very strong, full grout joints
- Excellent color consistency

ARDEX FH™

Sanded Floor and Wall Grout

- Open to traffic 16 to 24 hours
- For grout joints 1/16" to 3/4" (1.5 mm to 19 mm)
- Working time and pot life: 2 hours

ARDEX SX™

100% Silicone Sealant for Tile and Stone Applications

- Interior and exterior use
- Outstanding adhesion, permanently flexible
- Residential and commercial applications

ARDEX FLEX CAULK™

Siliconized Acrylic Color Caulk

- Stain, mold and mildew resistant
- Very flexible, use for interior and exterior installations

ARDEX TLT™ 700

Multi-Purpose Construction Adhesive and Sealant

- An advanced elastomeric hybrid formulation
- Broader operating temperatures
- Increased Hardness Shore A Rating
- Greater Adhesion Strength

ARDEX DG 1™

One-Component Grout

- Ready-to-use, can be used straight from pail with no additional water
- Easy to use, apply & clean
- Enhanced color consistency

For a complete product listing visit: www.ardexamericas.com



ARDEX FL™



ARDEX WA™

TLT™ SHOWER SYSTEMS

The ARDEX TLT™ Shower Systems provide a simple, all-in-one solution that sets new standards. It can be installed easily, quickly, and securely. Thanks to sophisticated technology and high-quality materials, consumers will be able to enjoy a shower system which provides both high durability and excellent sealing properties.

The highly rigid structure of the ARDEX TLT™ Building Panels offer a strong, lightweight, waterproof and vapor-resistant tile base for wet areas, while the pre-sloped, waterproof shower bases are designed with a patented, built-in drain assembly, making tiled shower installations quicker and easier than traditional installations.

EXTERIOR TILE & STONE SYSTEMS

Beautiful aesthetics combined with the long-term durability of tile and stone has led to enhanced popularity for outdoor installations. Especially in today's health conscience environment, outdoor spaces are now even more desirable in residential and commercial venues. The caveat is that exterior installations are subject to harsh weather and difficult environments. Issues such as efflorescence, staining, discoloring and disbonding are commonplace in outdoor installations. These problems are primarily caused by sedentary and evaporating water and moisture vapor.

ARDEX Exterior Tile & Stone Systems provide four system options utilizing passive capillary drainage systems to protect and provide long-lasting durability for outdoor tile and stone installations. Those solutions efficiently manage water, allowing the water to move freely through the system and then move the water away from the installation.

VENEER STONE INSTALLATION SYSTEMS

Minimize your risk with ARDEX high-performance veneer stone installation products, reduce costly call-backs associated with delamination and water problems.

ARDEX Veneer Stone Installation Systems offer a complete line of easy to use high-performance products including mortars, wall smoothing compounds, waterproofing and grout, all backed by a comprehensive 5 year warranty.

ARDEX also offers extensive training with an expert team of technical specialists available for installation support, specification assistance and jobsite visits. Contact your ARDEX Sales Professional to find out more.

DTA USA GROUP



DTA is a tiling tools, accessories and floor trims company that has been servicing the tiling and flooring industry for over 40 years. DTA is an Australian-based company, founded in 1976, and is an official partner of ARDEX. They offer a variety of high-quality tools, available for both professionals and the DIY market. From snapcutters to profiles, diamond bits and dust extraction, DTA has a complete line of tools to help you complete your installation efficiently.

Contact your ARDEX Sales Professional to learn more and find out where you can purchase your DTA tools.







At ARDEX Americas we're dedicated to providing training and educational resources for our installers, distribution partners and architects in-person and virtually. By having a strong focus on education, together we will improve standards in our industry, and help raise the next generation of installers.





Connect with ARDEX online! Read articles about industry trends, featured installations and connect with other ARDEX enthusiasts. You'll stay up-to-date on new products and our upcoming events, like trade shows, PRO EVENTS, and even educational webinars!




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