ARDEX MICROTEC® TECHNOLOGY

ARDEX’ ongoing innovation leadership delivers the next generation in polymer-modified Portland cement-based mortars with MICROTEC® Technology. This exciting new technology introduces a specialized blend of high-performance microfibers into proprietary ARDEX polymer specialty cements providing real, tangible jobsite benefits including significant time and cost savings.

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
A smooth, creamy and easy to trowel polymer-modified mortar with outstanding strength, flexibility and sag resistance. ARDEX X 77 is perfect solution for the most difficult installations in any environment including large format thin tile installations. The world’s most advanced tile and stone mortar!

- True 60 minute open time
- Unmatched sag resistance
- Unique creamy consistency; extremely easy to apply
- Ideal for high traffic areas and exterior facades
- Pot Life: 3 hours
- 40 lb. (18 kg.) and 20 lb. (9 kg.) gray and white bags
- Outstanding coverage: 110 sq. ft. (10.2 m²)

ARDEX X 32™ MICROTEC®
Universal Rapid Setting and Drying Thin-to-Thick Bed Mortar
Proprietary self-drying formulation designed to handle the most challenging moisture sensitive natural stone, marble and granite installations, as well as set all other types of tile in exterior or interior applications. Ideal for all types of natural stone including ungauged and agglomerate stone.

- Thin to thick bed applications up to 1 1/4" (32 mm.)
- Fast setting; grout in 3 hours
- Will not warp, stain or discolor moisture sensitive stone
- Working time: 20 to 30 minutes, Open time: 20 minutes
- Pot life: up to 60 minutes
- 40 lb. (18 kg.) bag; Gray and White
- Coverage: 80 sq. ft. (7.4322 m²)

ARDEX N 23™ MICROTEC®
Rapid Set Natural Stone and Tile Mortar
A rapid setting thin to medium bed mortar formulated with proprietary self-drying formulation to prevent warping, staining and discoloration of moisture sensitive stone including translucent marble and granite. Use to install all types of tile and stone and is ideal for ungauged and agglomerate stone.

- Rapid setting; grout in only 2 hours
- Unique creamy consistency; very easy to apply
- Thin to medium bed applications up to 5/8" (15 mm)
- Excellent sag resistance and strength
- Open time: 30 minutes
- Pot life: 60 minutes, Working time: 15 minutes
- 40 lb. (18 kg.) bag, Gray and White
- Coverage: 103 sq. ft. (9.5 m²)
ARDEX X 90 OUTDOOR™ MicroteC3 Rapid-Set, Flexible Tile and Stone Mortar
A revolutionary innovation in mortar technology formulated with specialty, high-performance ARDEX cements, polymers and microfibers to deliver maximum protection against the harshest weather conditions for exterior tile and stone applications.

- Highest levels of freeze thaw resistance tested at 150+ freeze thaw cycles; 7x greater than ANSI requirements
- Maximum efflorescence resistance
- Outstanding rapid set properties, even at temps as low as 40˚ F (5˚ C)
- Heavy and driving rain resistant after only 2 hours
- 40 lb. (18 kg.) bag; Gray
- Excellent Coverage: 95 sq. ft. (8.8 m²)

ARDEX S 28™ MICROTEC® Rapid-Set, Rapid-Dry, Super-Format Tile and Uncoupling Membrane Mortar
A high-performance, rapid drying, rapid hardening, microfiber-reinforced, polymer-modified tile and stone mortar formulated with ARDEX Self Drying Technology making it the perfect mortar for large and Super Format Tile. Excellent when used with ARDEX FLEXBONE® and other approved uncoupling membranes.

- Rapid-drying and hardening - Walk on and grout in just 4 hours
- Outstanding open time of 45 minutes
- Perfect for large and super-format tile and stone installations
- Semi-pourable consistency; ideal for uncoupling membranes
- Ideal for use with moisture-sensitive tile and stone
- Shrinkage free - thin to medium bed installations up to 5/8” (15 mm)
- 40 lb. (18 kg.) bags; Gray
- Coverage: 103 sq. ft. (9.5 m²)

ARDEX X 5™ Flexible Tile and Stone Mortar
The ideal everyday solution for the installation of large format tiles. A highly versatile, polymer modified mortar with an easy to apply creamy consistency ideal for setting all sizes of porcelain, ceramic, quarry, mosaics and most natural stone tile over common interior surfaces and exterior concrete and masonry surfaces.

- Suitable for medium bed installations up to 3/4” sq. notch trowel
- Very good sag resistance
- Working time: 15 to 20 minutes
- Open time: 10-15 minutes; Pot life: 3 hours
- 40 lb. (18 kg.) bags; Gray and White
- Coverage: 80 sq. ft. (7.4 m²)

ARDEX X 4™ Tile and Stone Mortar
The ideal everyday tile and stone mortar delivering performance and value. An easy to mix and apply, polymer-modified mortar with good sag resistance and strength for use with porcelain, ceramic, quarry, mosaics and most natural stone tile over common interior surfaces, as well as horizontal exterior installations of porcelain tile over concrete or masonry surfaces. ARDEX X 4 is recommended for most common tile sizes.

- Interior and exterior use
- Working time: 15 to 20 minutes
- Open time: 10 to 15 minutes; Pot life: 3 hours
- 40 lb. (18 kg.) bags, Gray and White
- Coverage: 80 sq.ft. (7.4 m²)

ARDEX X 3™ Tile and Stone Mortar
Portland cement-based, polymer modified mortar with good sag resistance, bond strength and flexibility. Easy to mix and apply for setting ceramic, quarry, and most natural stone tiles. Can be used to set porcelain tile on interior, absorbent concrete or cementsitious surfaces.

- Water and frost resistant
- Working time: 15 minutes
- Open time: 10 minutes, Pot life: 3 hours
- 40 lb. (18 kg.) bag Gray, White
- Coverage: 80 sq.ft (7.4 m²)
Specialty Mortars and Adhesives

ARDEX S 48™ Rapid-Set Mortar/Mastic Hybrid
The most versatile tile setting material available for interior tile applications. A rapid setting polymer-modified, Portland cement based mortar that is ideal for fast-track installations of glass tile and backsplashes. Can be used with porcelain, glass, ceramic, quarry, mosaics and most natural stone tile over all common substrates. Suitable for use in intermittent wet areas including residential bathrooms and kitchens. Its creamy, smooth consistency is similar to a pre-mixed mastic making it extremely easy to apply.

- 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
- Working time: 10 to 20 minutes
- Open time: 20 minutes, Pot life: 30 minutes
- 10 lb. (4.5 kg.), White
- Coverage: 80 sq. ft. (7.4 m²)

ARDEX FB 9 L™ Pourable ShearFlex® Mortar
Portland cement-based polymer modified mortar with a unique, very fluid, pourable consistency that is ideal for horizontal large format tile installations. Holds solid trowel lines and delivers full coverage eliminating the need for back buttering. Can be used over in floor heating systems on concrete subfloors.

- Grout in just 6 hours
- Excellent shear strength and flexibility
- Working time: 30 minutes
- Open time: 30 minutes, Pot life: 3 hours
- 40 lb. (18 kg.) bags, Gray
- Coverage: 90 sq. ft. (8.36 m²)

ARDEX D 14™ Type 1 Premixed Tile Adhesive (Mastic)
A TYPE 1 premixed tile adhesive that is ideal for setting quarry, ceramic, mosaic and most natural stone tile over interior surfaces. Also, it can be used to set porcelain tile over absorbent interior surfaces. Use over interior concrete block, drywall, plaster, brick and existing tile. Can be used for tub surrounds and in intermittent wet areas.

- Easy to apply
- Floors up to 6" x 6" tiles, Walls up to 12" x 12" tiles
- Time to grout: walls: 24 hours, floors: 48 hours
- Working time: 60 minutes
- 1 gallon and 3.5 gallon pails (kg), White
- Coverage: 80 sq. ft. (7.4 m²)

ARDEX AF 207™ Pre-Mixed, Rapid-Set Uncoupling Membrane Bonding Adhesive
A high performance adhesive formulated for the installation of uncoupling membranes that allows for the immediate installation of tile once the uncoupling membrane is set into place. Install uncoupling membranes over wood, OSB and gypsum subfloors prior to the installation of tile or stone.

- Set tile immediately
- Ultimate convenience: pre-mixed and resealable container
- GreenLine™ - Ultra low VOC's, antimicrobial, water based, and solvent free
- Aggressive initial grab and ample working time
- Packaging: 1 and 4 gallon pails
- Coverage: 300 sq. ft. (4 gal. unit)

ARDEX CA 20 P™ Multipurpose Construction Adhesive and Sealant
A one-component, modified silane, polymer adhesive and neutral curing sealant. Extremely flexible with excellent bond strength making it suitable for replacing tiles, general repairs and affixing accessories to tile and other surfaces. ARDEX CA 20 P is shrinkage free and can be used to fill moving joints. It bonds to a wide range of materials including glass, metal, wood, ceramics and plastic. Sticks to virtually anything even underwater!

- Interior and exterior use
- GreenLine™: zero VOC’s and free of solvents, water and isocyanates
- Paintable
- Curing Time: 24 hours
- Shrinkage: < 1%
- Coverage: 1/4" (6.35 m²) bead: 32 linear ft. (9.75 linear m)
- 10.5 oz. (310 mL) cartridge
Grouts and Sealants

**ARDEX FL™ Rapid Set, Flexible, Sanded Grout**
A highly versatile, rapid setting sanded grout with a revolutionary creamy, fluid consistency that makes it extremely easy to apply and cover larger areas in significantly less time than traditional grouts. Super hard in the joints, but won't stick to the tile. Use for interior or exterior floors and walls in commercial or residential applications. Ideal for high traffic areas and wet areas including swimming pools, fountains and showers.

- Open to traffic in just 90 minutes
- Excellent color consistency
- Much fuller, stronger grout joints
- Stain resistant and water repellant
- For grout joints 1/16" to 1/2" (1.5 mm to 12 mm)
- No slake time or sealers required
- Available in 35 ARDEX Colors
- 10 lb. (4.5 kg.) box /25 lb. (11 kg.) bag

**ARDEX WA™ Epoxy Grout and Adhesive**
A revolutionary solvent-free, two-component epoxy grout and adhesive with a unique creamy consistency. It is particularly suited for installations in swimming pools, hot tubs, showers, bathrooms, breweries, food processing facilities, industrial, restaurant kitchens, hospitals or any installation requiring high standards of hygiene and chemical resistance. So easy to apply and clean you won't believe it’s an epoxy!

- Grout joints up to 1/2" (12 mm)
- Cleans with only water
- Use to set all types of tile
- Water and frost resistant
- Submerged applications: open in just 7 days
- Working time, open time and pot life: 60 minutes
- Available in 35 ARDEX Colors
- 100% solids, water soluble
- 9 lb. (4.08 kg.) pail

**ARDEX FG-C™ MICROTEC® Unsanded Grout**
A high-performance, Portland cement-based, polymer-modified unsanded grout for walls or floors. With a creamier consistency compared to traditional unsanded grouts, ARDEX FG-C is very easy to apply delivering full grout joints with an ultra-smooth finish. Use with porcelain, glass, quarry, ceramic, mosaic and most natural stone tiles.

- Excellent color consistency
- Strong full grout joints
- Open to traffic in just 4 hours
- For grout joints up to 1/4" (6 mm)
- Porcelain tile- grout joints less than 1/8" (3 mm)
- No slake time or sealers required
- Available in 35 ARDEX Colors
- 10 lb. (4.5 kg.) box /25 lb. (11 kg.) bag

**ARDEX FH™ Sanded Floor and Wall Grout**
An ideal, everyday, Portland cement-based, polymer-modified sanded grout suitable for all sizes of floor and wall tiles, including mosaics. ARDEX FH is a creamy, easily applied grout with good joint filling properties, enabling deep joints to be filled in one operation. When cured, ARDEX FH is weather resistant, unaffected by water and is suitable for internal and external use in dry or wet conditions.

- For grout joints 1/16" to 3/4" (1.5 mm to 19 mm)
- Open to traffic: 16 to 24 hours
- Interior or exterior
- Working time and pot life: 2 hours
- Available in 30 ARDEX Colors
  (Not available in Azure Blue, Summer Yellow, Asparagus, Burnt Orange, Fresh Magnolia)
- 10 lb. (4.5 kg.) box /25 lb. (11 kg.) bag
ARDEX SX™ 100% Silicone Sealant for Tile and Stone Installations
One-component, non-sag, permanently flexible, 100% silicone, neutral-cure sealant for filling joints in tile and stone installations. Provides excellent adhesion and cures rapidly when exposed to atmospheric moisture, forming a durable, tight, stain-resistant bond. It is non-yellowing and can be used in pools and other wet area applications.

- Interior and exterior use
- No sag or slump
- Non-staining; non-yellowing
- Outstanding adhesion, permanently flexible
- UV, mold and mildew resistant
- Very easy to tool and smooth
- Submersion in water: 24 hours
- Available in 35 ARDEX colors and clear
- 10.1 fl. oz. (299 mL) cartridge

ARDEX FLEX CAULK™
Siliconized Acrylic Color Caulk
Used for caulking and sealing corners, edges and joints created by change-of-plane or change-of-materials in interior and exterior applications.

- Color matched to ARDEX Grouts (25 popular colors available)
- Stain resistant
- For joints up to 1/2” wide
- Use for interior and exterior installations

ARDEX GCS™ Grout Colorant and Sealer
High-performance, 100% acrylic colorant and sealer provides a fresh look or a new color to existing grout joints. ARDEX GCS deeply penetrates the grout to provide lasting color and protection.

- Use to refresh, repair or change grout joint color
- Interior and exterior use
- Ideal for showers and other intermittent wet areas
- Excellent stain resistance
- Protects against mold and mildew
- Tack free in 30 minutes


*Not available in ARDEX FH™

Due to variations in printing processes, colors are approximate. Please refer to ARDEX Grout Kits for more accurate color comparisons. Types of tile, substrate and installation environment may cause color variation.
Substrate Preparation

ARDEX Liquid BackerBoard® Self-Leveling Underlayment
A Portland cement-based, polymer-modified, self-leveling underlayment that replaces traditional backer board, providing a flatter, smoother surface faster and easier for installing tile and stone. ARDEX Liquid Backerboard can be used over interior wood or concrete subfloors. It eliminates cutting, fitting, gluing, taping, fastening and the many other steps required with bulky, hard to transport traditional backer board. The optimal tiling surface!

- No lath mesh or additives required
- Walk on: 3 hours, Tile installation: just 6 hours
- Installation thickness: up to 1 1/4" (32 mm)
- Use over in-floor heating
- Compressive Strength: 3000 psi (210 kg/cm²) at 28 days
- 50 lb. (22.7 kg.) bag, gray
- Coverage: 65 sq.ft. per bag at 1/8" (6 m² at 3 mm)

ARDEX AM 100™ Pre-Tile Ramping and Smoothing Mortar
A unique repair and smoothing compound for concrete and masonry surfaces that significantly reduces prep time for the installation of tile. It can also be used to slope balconies and drains. It is water and frost resistant making it ideal for use in wet areas such as swimming pools, fountains and below grade installations. Can be used as a brown coat for manufactured/natural veneer stone installations.

- Install tile in just 2 hours
- No sag or slump
- 1/4" (6 mm) to 1 1/4" (32 mm) in just one lift
- Interior or exterior use
- 40 lb. (18.14 kg.) bag
- Coverage: 22.5 sq. ft. per bag at 1/4" (2 m² at 6 mm)

ARDEX TL 1000™ Self-Leveling Underlayment
Portland cement-based self-leveling underlayment with specialty polymers designed specifically for fast floor leveling prior to installing tile. ARDEX TL 1000 is used to smooth new or existing concrete, terrazzo and ceramic tile substrates.

- Walk on: 4 to 5 hours
- Tile installation: 6-8 hours (other floor coverings 1-3 days)
- Installation thickness: up to 1 1/4" (32 mm)
- Compressive Strength: 4000 psi at 28 days
- 50 lb. (22.7 kg.) bag, gray
- Coverage: 25 sq. ft. (6.97 m² per bag at 1/4")

ARDEX TL WOOD™ Self-Leveling Underlayment for Wood and Distressed Gypsum Subfloors
A self-leveling underlayment used for smoothing and leveling wood subfloors and for repairing and finishing distressed gypsum substrates above grade

- Use over plywood, OSB, and strip wood flooring as well as existing gypsum substrates prior to the installation of tile or stone
- Install tile in 48 hours, other floor coverings in 2-3 days
- No metal lath required
- Install from 1/4" (6 mm) to virtually any thickness; can be tapered to 1/16" (1.5 mm)
- Use for interior, above grade floors only
- Suitable for use with in-floor hydronic and electric radiant heating systems
- Coverage – 22 sq. ft. per bag at 1/4" (2.04 m² at 6 mm)

ARDEX SKM™ Skimcoat Patch & Finishing Underlayment
A trowelable patch and skim coat underlayment that provides a permanent, smooth, durable finish prior to the installation of most floor coverings.

- Creamy, smooth, easy to apply
- Trowels to a smooth, hard surface
- Non-sanded, install from a true featheredge up to 1/2" (12 mm)
- Walk on and install floor covering in as little as 30 minutes

ARDEX A 38™ Rapid Set, Pre-Mixed Screed
Rapid setting, rapid hardening and rapid drying screed. After one day compressive strength is harder than traditional cement screeds in 28 days.

- Bonded, unbonded and floating
- Interior and exterior use
- Walk on: 3 hrs. Tile: 4 hrs.
- Can be used for in-floor heating systems
- Working time: 60 mins.
- Premixed w/ aggregate: 40 lb. bag
- Cement binder (no aggregate): 50 lb. bag

ARDEX P 4™ Premixed Rapid Drying Multipurpose Primer
Ready-to-use rapid priming with a tenacious bond.

- Premixed, ready to use in a resealable container
- Ideal for Tile over Tile installation
- Dries in as little as 30 minutes
- For use over most common substrates
- Textured surface for tenacious bond
- Drip and splash-free consistency
- White color to clearly identify primed areas
- For use prior to the installation of most ARDEX Self-Leveling Underlayments
- Interior and exterior use
- Available in 1 gal. and 3.5 gal. units
Waterproofing and Crack Isolation

ARDEX 8+9™ Rapid Waterproofing and Crack Isolation Compound

The absolute best-in-class, topside waterproofing and crack isolation membrane for use on all common substrates in commercial and residential applications prior to the installation of any type of tile or stone. A two component, very easy to use, cement based waterproofing and crack isolation compound providing outstanding bond to mortars. ARDEX 8+9 can also be used as a shower pan. Ideal for use in showers, kitchens and for exterior natural veneer stone installations.

- Now Available in White!
- Tile in just 90 minutes
- Flood test in only 4 hours
- Crack isolation: Up to 1/8” (3 mm)
- 1/3 the cost per square foot vs. competitive products
- 10 year warranty on a two-coat application every time
- IAPMO Certified, ANSI A 118.10
- Convenient kit: ARDEX 8 (liquid): 1 gallon (3.78 liters) bottle and ARDEX 9 (powder): 9 lb. (4 kg.) bag
- Commercial size: ARDEX 8 (liquid): 3 gallon (11.34 liters) bottle and ARDEX 9 (powder): 27 lb. (12 kg.) bag

Outstanding Coverage:

Convenient kit: 100 sq. ft. (9.29 m²) (2 coats) over drywall
Commercial size: 300 sq. ft. (27.87 m²) (2 coats) over drywall

ARDEX SK 175™ Waterproofing Membrane and Vapor Retarder

A pliable, sheet-applied, bonded waterproof membrane and vapor retarder with a high-performance fleece webbing for better bonding. For use in areas requiring topside waterproofing and vapor retarding. Tiles can be installed directly onto ARDEX SK 175 with ARDEX polymer modified mortars.

- For use over floors and walls
- Very low perm rating; use in commercial steam showers
- Interior and exterior use
- Ideal for swimming pools; just one layer required
- Use on balconies and terraces
- Use with ARDEX high-performance polymer modified mortars

SK 175™ Accessories

ARDEX SK 175 Seam Tape (5” x 16ft. or 5” x 98’)
ARDEX SK 175 Inside Corners
ARDEX SK 175 Outside Corners
ARDEX SK 175 Pipe Collar

ARDEX S 1-K™

One Component Waterproofing and Crack Isolation Membrane

Convenient premixed, ready to use for every day topside waterproofing

- Flexible, topside waterproofing for interior floors and walls
- Premixed, ready to use in a resealable container
- Very easy-to-apply, 2-coat system
- Use for showers, bathrooms and other wet areas prior to the installation of tile
- Very easy to apply with a roller or paint rush
- Minimal drips and splatters
- Crack isolation up to 1/8” (3 mm)
- Bonds to a wide range of substrates

Convenient kit: 100 sq. ft. (9.29 m²) (2 coats) over drywall
Commercial size: 300 sq. ft. (27.87 m²) (2 coats) over drywall
ARDEX UI 720™ FLEXBONE®
Floating Uncoupling Membrane
A revolutionary, loose-laid floating system for true 100% uncoupling to help prevent grout joint and tile damage from movement and deflection. ARDEX UI 720 FLEXBONE® has a unique bone-shaped pattern with GripLock Technology for the highest levels of bond and shear strength. The membrane contains underside channels and more than 1,000+ perforations per square foot for vapor pressure equalization.

- True 100% uncoupling
- Up to 50% time savings and reduced costs
- Perfect for use over difficult substrates
- Easy to fill cavities
- Ideal for frequently-changed-floor coverings
- Can be used over new concrete
- Excellent vapor equalization

ARDEX UI 740™ FLEXBONE®
Uncoupling Membrane
A high load-bearing uncoupling membrane that helps to prevent grout joint and tile damage from movement and deflection. Ideal for large format tile in high traffic areas, ARDEX UI 740 FLEXBONE® has a unique bone shape pattern with GripLock Technology to deliver outstanding bond and shear strength.

- Ideal for large format tile and stone in heavy traffic areas
- GripLock Technology for highest levels of shear and tensile bond strength (Independent tests at MPA Wiesbaden, Germany)
- Easy to fill cavities
- Suitable as a waterproofing membrane

ARDEX DS 70™ Acoustic Mat
High-performance, durable sound isolation underlayment made from 92% post-consumer recycled rubber for use under hard surface floor coverings. ARDEX DS 70 delivers dual protection by providing excellent sound reduction and crack isolation. Light Commercial through Extra Heavy Commercial ratings (ASTM Robinson Test).

- Fast and easy installation with ARDEX AF 207™ Pre-Mixed Adhesive
- Crack isolation: up to 1/8” (3 mm)
- Set tile directly onto ARDEX DS 70
- 92% post-consumer recycled rubber

Sound Ratings: 16 dB – 2 mm mat / 19 dB – 5 mm mat

Available Sizes:
- 2 mm Mat - 48” wide x 75’ long
  (1.2 m wide x 22.9 m long) – 300 sq.ft. (27.87 m²)
- 5 mm Acoustic Mat - 48” wide x 30’ long
  (1.2 m wide x 9.1 m long) roll – 120 sq. ft. (11.15 m²)

ARDEX FLEXBONE® HEAT In-Floor Heating Systems
Innovative, thoughtful design for maximum heat comfort and energy efficiency. German engineered for more heat comfort faster where you want it…on your bare feet!

ARDEX FLEXBONE® HEAT Membrane
3 in 1 - In-floor heating, uncoupling and waterproofing

- Fast and easy and secure placement of the cables every time
- Fast and easy prefill in just one pass
- Minimal contact with the cables for better heat and energy efficiency

ARDEX FLEXBONE® Cables
- One diameter of cable for all sizes
- Hot / Cold lead contained within the cable, no bulky connection
- 120V and 240V options – 34 available sizes

ARDEX FLEXBONE® HEAT Thermostats
- WiFi -Touch Programmable for control from anywhere
- Touch Programmable with multiple settings
- Base model; easy to use on – off controls
- FLEXBONE HEAT Power Module; multiple cables to one thermostat
ARDEX Tile & Stone Installation Systems Warranty
The products eligible for the ARDEX Tile & Stone SystemOne™ 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 sq.ft., please consult with the ARDEX Technical Services Department.

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<tr>
<th>Substrate Preparation</th>
<th>25 year</th>
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<tr>
<td>ARDEX Liquid BackerBoard®</td>
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<td>ARDEX AM 100™</td>
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| Waterproofing                  |         |         |        |
| ARDEX 8+9™                     |         |         |        |
| ARDEX SK 175™                  |         |         |        |
| ARDEX UI 740™ FLEXBONE®        |         |         |        |

| Crack Isolation                |         |         |        |
| ARDEX 8+9™                     |         |         |        |

| Sound Deadening                |         |         |        |
| ARDEX DS 70™                   |         |         |        |

| Uncoupling Systems             |         |         |        |
| ARDEX UI 740™ FLEXBONE®        |         |         |        |
| ARDEX UI 720™ FLEXBONE®        |         |         |        |

| Uncoupling Membrane Adhesive   |         |         |        |
| ARDEX AF 207™                  |         |         |        |

| Mortars and Adhesives          |         |         |        |
| ARDEX X 77™ MICROTEC®          |         | ARDEX X 5™        | ARDEX X 4™ |
| ARDEX X 78™ MICROTEC®          |         | ARDEX X 7 R™      | ARDEX X 3™  |
| ARDEX X 90™ MICROTEC®          |         | ARDEX X 7 PLUS™   | ARDEX D 14™|
| ARDEX X 32™ MICROTEC®          |         |                  |          |
| ARDEX S 28™ MICROTEC®          |         |                  |          |
| ARDEX N 23™ MICROTEC®          |         |                  |          |
| ARDEX S 48™                    |         |                  |          |
| ARDEX FB 9 L™                  |         |                  |          |
| ARDEX X 5™                     |         | ARDEX X 7 R™      | ARDEX X 4™ |
| ARDEX X 7 PLUS™                |         | ARDEX X 3™        | ARDEX D 14™|

| Grouts                         |         |         |        |
| ARDEX FLT™                     |         |         |        |
| ARDEX FG-C™                     |         |         |        |
| ARDEX WA™                       |         |         |        |
| ARDEX FH™                       |         |         |        |

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

For more information about these and other ARDEX products, please visit www.ardexamericas.com
ARDEX TOOLS

The Legendary ARDEX Grout Sponge
- Superior absorption
- Significantly outlasts all other sponges
- Unique square shape for better tooling and work in corners

ARDEX white 6 Gallon Bucket
- The ideal size for ARDEX high volume tile and stone mortars and grouts
- Perfect fit for ARDEX X 77™ MICROTEC® Fiber Reinforced Tile and Stone Mortar 40lb bags

Mixing Tools

Paddles
ARDEX Mixing Paddle – T2
Standard length paddle for mixing ARDEX mortars and grouts
ARDEX Extended Mixing Paddle – T2-E
Mortar and grout mixing paddle with extended shaft for less bending
ARDEX Mini Mixing Paddle – T2-M
Hand drill mixing paddle for small batch mortar and grout mixing Perfect for mixing ARDEX WA Epoxy Grout and Adhesive in its own container

ARDEX Self Leveling Mixing Barrel and Kit
Complete kit for measuring, mixing, spreading and smoothing ARDEX Self-Leveling Underlayments

Rover®
The time and back saving wheeled cart for moving filled ARDEX Mixing Barrels from mixing stations to pour areas quick and easily
Visit www.youtube.com/ARDEX101 to watch product demonstration video. For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App at the iTunes Store or Google Play.