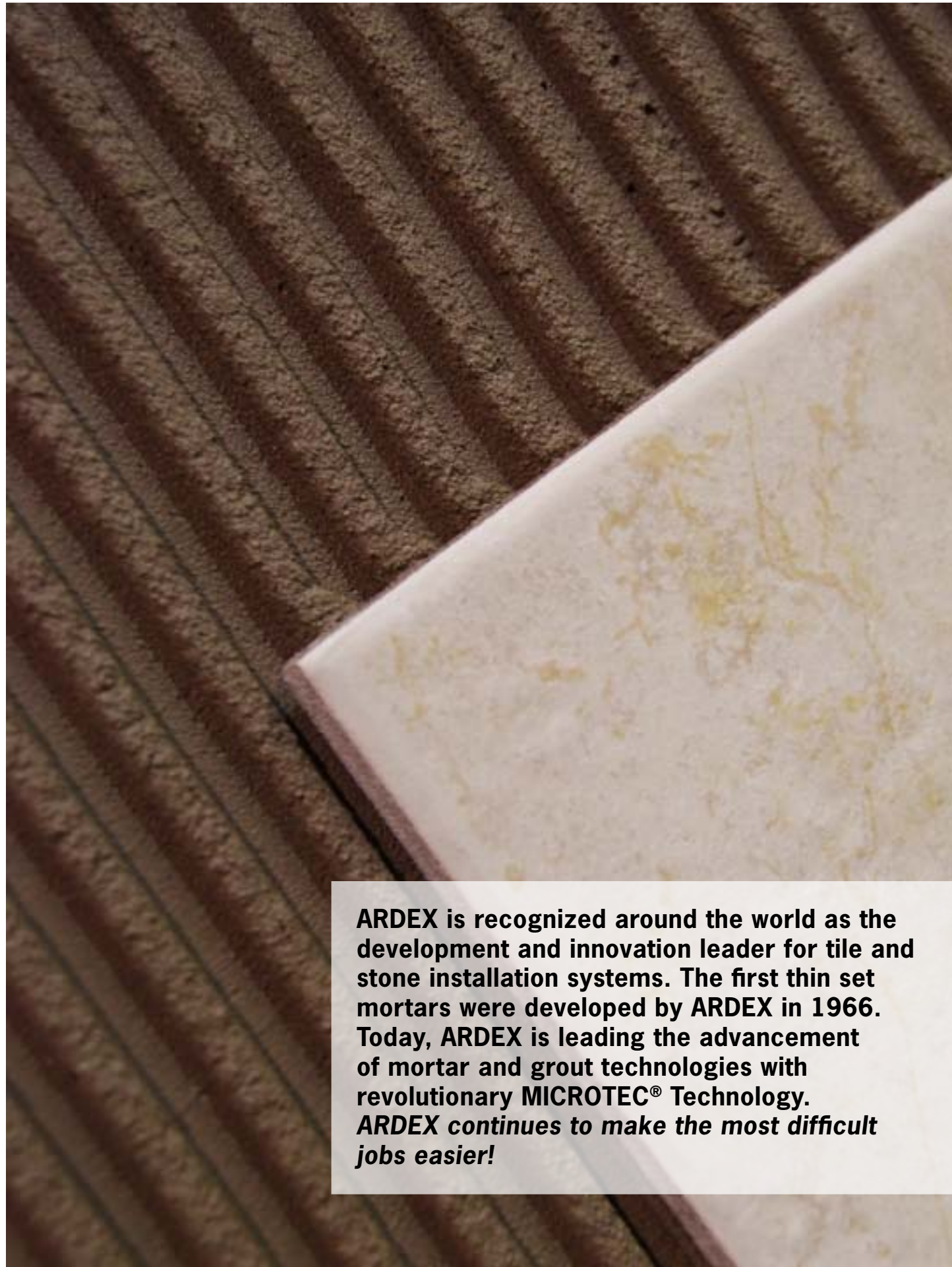




tile & stone
Installation Systems



YOUR BEST CHOICE FOR
INSTALLATION SUCCESS



ARDEX is recognized around the world as the development and innovation leader for tile and stone installation systems. The first thin set mortars were developed by ARDEX in 1966. Today, ARDEX is leading the advancement of mortar and grout technologies with revolutionary MICROTEC® Technology. ARDEX continues to make the most difficult jobs easier!

ARDEX MICROTEC® TECHNOLOGY

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

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



ARDEX X 77™ MICROTEC® Fiber Reinforced Thin Set Mortar

ARDEX X 77™ MICROTEC® provides outstanding strength, flexibility and sag resistance in a simple one-component, smooth, creamy and easy to trowel polymer-modified thin set mortar with MICROTEC fibers. ARDEX X 77 is perfect for the most difficult installation environments including large format tile, porcelain tile and exterior installations (vertical or horizontal surfaces). Truly the world's best thin set mortar!

- Open time: 60 min.
- Outstanding sag resistance
- Excellent strength and flexibility
- 3-hour pot life
- Ideal for high-traffic areas and exterior facades
- Available in gray and white
- Amazing coverage: 110 sq. ft.



ARDEX X 32™ MICROTEC® Fiber Reinforced Rapid Setting Thin to Thick-Bed Mortar

ARDEX X 32™ MICROTEC® is formulated to handle today's most challenging moisture sensitive natural stone, marble and granite installations and set all other types of tile including mosaic tile over exterior concrete and masonry surfaces or common interior surfaces including floors, walls and countertops.

- Can be used as a thin-medium or thick-bed mortar
- Especially suited for all natural stones
- Ideal for ungauged natural stone
- Fast setting – grout in only 3 hours
- Excellent sag resistance
- Coverage is 80 sq. ft. per bag
1/4" x 1/4" x 1/4" Square-Notch Trowel



ARDEX X 78™ MICROTEC® Fiber Reinforced Semi-Pourable Thin Set Mortar

ARDEX X 78™ MICROTEC® is a pourable thin set mortar for the most challenging horizontal installations of large format tiles in exterior or interior applications with high traffic areas such as malls, retail stores, lobbies, hotels and plazas. ARDEX X 78 is an easy to mix, one-component polymer-modified thin set mortar with MICROTEC fibers that can be poured, but still holds its trowel lines and provides outstanding coverage without the need to back butter.

- Open time: 60 min.
- Very easy to mix and place
- Excellent flexibility and strength
- Ideal for high traffic areas
- 4-hour pot life
- Amazing coverage: 105 sq. ft.





Thin Set Mortars

ARDEX X 7 R™ Rapid Set, Flexible Thin Set Mortar

ARDEX X 7 R™ is a versatile, rapid setting, polymer modified, thin set mortar. It has very good sag resistance and is formulated with enhanced properties of adhesion and flexibility. ARDEX X 7 R is the ideal fast track solution for every day tile installations.

- Fast setting – grout in just two hours
- Use for setting porcelain, quarry, ceramic, mosaic and most natural stone tiles
- Interior and exterior applications, floors and walls
- Very good sag resistance
- Very easy to mix and apply
- Suitable for use with in-floor heating systems
- Use in wet areas, including showers and swimming pools
- Coverage: 85 sq.ft. per bag, 1/4" x 1/4" x 1/4" square notch trowel



ARDEX X 5™ Flexible Thin Set Mortar

ARDEX X 5™ is a thin set mortar ideal for most installations where a higher technology solution and performance is needed. ARDEX X 5 delivers versatility making it a very reliable answer for most jobsite challenges.

- Excellent sag resistance
- 3-hour pot life
- Use for quarry, stone, ceramic, porcelain and mosaic tile
- Use for interior and exterior floors, and walls
- Available in gray and white
- Coverage is 80 sq. ft. per bag, 1/4" x 1/4" x 1/4" Square-Notch Trowel



ARDEX X 4™ Thin Set Mortar

ARDEX X 4™ delivers polymer-modified thin set performance and value with a very creamy, easy to apply consistency. ARDEX X 4 is the economical solution for your everyday tile installations.

- Very good sag resistance
- Use for interior and exterior floors and walls
- 3-hour pot life
- Use for quarry, stone, ceramic and mosaic tile
- Porcelain tile, interior applications
- Available in gray and white
- Coverage is 80 sq. ft. per bag, 1/4" x 1/4" x 1/4" Square-Notch Trowel



ARDEX X 3™ Thin Set Mortar

ARDEX X 3™ Thin Set Mortar is a Portland cement-based polymer modified mortar with good bond strength and flexibility. When mixed with water, the result is a creamy thin set mortar that is flexible and is water and weather resistant.

- Flexible
- Water and frost resistant
- Use for setting ceramic, quarry and most natural stone tiles
- Easy to mix and apply
- Use for interior and exterior floors and walls
- Coverage is 80 sq. ft. per bag, 1/4" x 1/4" x 1/4" Square-Notch Trowel
- Good sag resistance



Specialty Thin Set Mortars and Adhesives

ARDEX FB 9 L™ Pourable ShearFlex® Thin Set Mortar

ARDEX FB 9 L™ is Portland cement-based polymer modified mortar that has a unique pourable consistency that produces high bond strength, excellent flexibility and full coverage without the need to back butter the tile. It is ideal for large format floor tiles.

- Ideal for large format floor tiles
- Install grout in just 6 hours
- Excellent shear strength and flexibility
- Full coverage without back buttering
- Easy to mix and install
- Over in floor heating systems on concrete subfloors
- 90 sq. ft. per bag, 1/4" x 1/4" x 1/4" trowel



ARDEX S 48™ Rapid-Set Thin Set Mortar/Mastic Hybrid Tile Adhesive

ARDEX S 48™ is the most versatile tile setting material available for interior applications. A polymer-modified, Portland cement based thin set mortar that is ideal for the rapid setting of interior glass tiles and backsplashes. Can be used to install porcelain, glass, ceramic, quarry and most natural stone tiles over all common substrates including drywall, wood and plastic laminate. It is suitable for use in intermittent wet areas including residential bathrooms and kitchens. It is excellent for quick-fixes of unexpected repairs.

ARDEX S 48 is a cement-based thin set mortar that has a creamy, smooth consistency similar to a pre-mixed mastic. Easy to use, highly flexible and very strong.

- Highly versatile
- Ideal for fast setting of glass tiles and backsplashes
- Grout in 1 to 5 hours; install tile and grout the same day
- Unique consistency; creamy and smooth like a pre-mixed mastic
- Crack isolation up to 1/8"
- Outstanding flexibility and strength
- Perfect for quick fixes and tile repairs
- Great coverage; 80 sq. ft. per 10 lb. bag (white)



ARDEX S 16™ Rapid Setting Thin Set Mortar for Marble

ARDEX S 16™ Rapid Setting Thin Set Mortar is a self-drying, non-staining polymer-modified thin set mortar specially formulated for natural stone, marble, moisture sensitive ceramic and natural stone tiles.

- Specially formulated for natural stone
- Ideal for all sizes of gauged stone
- Fast setting – grout in 2 hours
- Use for interior floors, walls and countertops
- Coverage is 80 sq. ft. per bag, 1/4" x 1/4" x 1/4" Square-Notch Trowel



ARDEX D 14™ Type 1 Premixed Tile Adhesive (Mastic)

For the setting of quarry, ceramic, mosaic and most natural stone tiles over interior surfaces. Also, use for setting porcelain tile over absorbent interior surfaces. ARDEX D 14™ is a white, ready-to-use versatile adhesive (mastic).

- Ready-to-use tile adhesive (mastic), ANSI A136.1, Type 1 requirements
- Easy to use and apply
- Use for interior walls, floors, countertops and tub surrounds
- Use to install tiles up to 6" x 6" on horizontal applications
- Good sag resistance; up to 12" x 12" tiles on vertical applications
- Set porcelain tile over absorbent surfaces



ARDEX AF 207™ Pre-Mixed, Rapid-Set Schluter® -DITRA® Bonding Adhesive

ARDEX AF 207™ allows for the immediate installation of tile once the DITRA® is set into place.

A pre-mixed, water-based, solvent-free, high-performance adhesive especially suited for the installation of Schluter®-DITRA® over wood, OSB and gypsum subfloors prior to the installation of tile or stone. ARDEX AF 207 has an excellent initial grab and an exceptionally long tack time with very good early and long term strength. ARDEX AF 207 comes in a re-sealable container for ultimate convenience.

- Immediate installation of tile
- Aggressive initial grab
- Ultimate convenience:
 - Premixed
 - Re-sealable container
- Ample working time
- Water based and solvent free
- Ultra-low VOC's - very low odor
- Antimicrobial
- Moisture and alkali resistant
- Easy to apply



ARDEX AF 207™



Grouts

ARDEX FL™ Rapid Set, Flexible, Sanded Grout

A highly versatile, rapid setting sanded grout with a revolutionary new creamy smooth consistency. Very easy to work with and covers larger areas in significantly less time than other grouts while providing fuller, stronger grout joints. It is suitable for floors, walls or countertops in commercial and residential applications. Ideal for interior or exterior applications including swimming pools, showers, kitchens.

- Rapid set – open to traffic in just 90 minutes
- Excellent color consistency
- Grout joints 1/16” to 1/2”
- No slake time required
- No sealers required
- Stain resistant and water repellent
- Available in 35 colors



ARDEX FG-C™ MICROTEC® Unsanded Floor and Wall Grout

ARDEX FG-C™ is a high-performance unsanded Portland cement-based, polymer-modified grout for floors and walls. It provides an ultra-smooth finish for grout joints up to 1/4”. Very easy to use with a more fluid, creamy consistency compared to other unsanded grouts. Excellent strength and allows foot traffic in just 4 hours.

- Grout joints up to 1/4” (Porcelain Tile - grout joints less than 1/8”)
- Excellent color consistency
- Fuller grout joints
- Fast setting; foot traffic in just 4 hours
- Ultra-smooth finish
- Outstanding strength
- No slake time or sealers required
- Available in 35 colors



ARDEX WA™ Epoxy Grout and Adhesive

ARDEX WA™ is a solvent-free, two-component epoxy grout and adhesive. It is particularly suited for tile installations in swimming pools, hot tubs, showers, bathrooms, dairies, meat packing facilities, breweries, hospitals or any installation requiring high standards of hygiene and chemical resistance.

- Use to grout joints up to 1/2” (12 mm)
- Very easy to apply and clean
- Use for setting all types of tile and stone
- Use where maximum chemical resistance and/or hygiene and cleanliness are required
- Ideal for swimming pools, hot tubs and other wet areas
- Ideal for use in food preparation areas
- Use for interior and exterior floors and walls
- Waterproof and frost resistant
- Can be submerged in just 7 days



ARDEX SX 100% Silicone Sealant for Tile & Stone Installation

ARDEX SX™ is a one-component, non-sag, permanently flexible, 100% silicone, neutral-cure sealant for filling joints in tile and stone installations. ARDEX SX provides excellent adhesion, is easy to use and available in 35 colors to match the full ARDEX grout line, as well as available in clear. ARDEX SX cures rapidly when exposed to atmospheric moisture, forming a durable, tight, stain-resistant bond.

- Quick curing, will not sag or slump, outstanding adhesion
- Non-staining; non-yellowing
- Permanently flexible and UV resistant
- Mold and mildew resistant, easy to tool and smooth
- Interior or exterior installations, can be used in swimming pools and other wet area applications
- Available in clear and in 35 colors matching the ARDEX Grouts
- ASTM C-920, Type S, Grade NS, Class 25, Use NT, M, G, A, O

ARDEX CA 20 P™ Multipurpose Construction Adhesive

ARDEX CA 20 P™ is a one-component, modified silane, polymer adhesive and neutral curing sealant. It is extremely flexible with excellent bond strength, making it suitable for a wide range of applications including replacing tiles, general kitchen and bathroom repairs and affixing accessories like soap holders. ARDEX CA 20 P is shrinkage free and can be used to fill moving joints. Sticks virtually anything even underwater!

- Extremely versatile - Bonds a wide range of materials including glass, metal, wood, ceramics and plastic
- Ideal for minor repair applications, even under water
- High bond strength
- Use to fill movement joints
- Interior and exterior walls and floors
- Highly flexible
- Neutral curing system - Free of solvents, water and isocyanates
- Can be painted
- Shrinkage free drying
- Zero VOC content
- Single component modified silane polymer



TESLA Motors Showroom. Portland, Oregon.
ARDEX X 5™ Thin Set Mortar

Polar White 01		Stone Beach 13		Stormy Mist 25	
Fresh Lily 02		Chocolate Mousse 14		Organic Earth 26	
Sugar Cookie 03		Gray Dusk 15		Azure Blue 27	
Antique Ivory 04		Ground Cocoa 16		Gentle Blush 28	
Winter White 05		Coffee Bean 17		Fresh Magnolia 29	
Classic Vanilla 06		Dove Gray 18		Pink Champagne 30	
Floating Driftwood 07		Silver Shimmer 19		Burnt Orange 31	
Vintage Linen 08		Ocean Gray 20		Baked Terra Cotta 32	
Natural Almond 09		Slate Gray 21		Asparagus 33	
Irish Creme 10		Cast Iron 22		Summer Yellow 34	
Barley 11		Charcoal Dust 23		Brilliant White 35	
Wild Mushroom 12		Black Licorice 24			

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.



ARDEX Liquid BackerBoard™

Substrate Preparation

ARDEX Liquid BackerBoard® Self-Leveling Underlayment

ARDEX Liquid BackerBoard® is a Portland cement-based self-leveling material that replaces traditional backer board providing a faster, easier and flatter surface for installing tile and stone. ARDEX Liquid BackerBoard can be used over interior wooden or concrete subfloors. It eliminates cutting, fitting, gluing, taping, fastening and difficult transportation required with bulky traditional backer board.

- Smooths wood and concrete subfloors prior to the installation of tile and stone flooring
- Does not require lath mesh or additive
- Install up to 1 1/4"
- Install tile and stone flooring in just 6 hours
- Ideal over electrical in-floor heating systems
- Coverage:
 - 65 sq. ft. per 50 lb. bag at 1/8"
 - 32.5 sq. ft. per 50 lb. bag at 1/4"

ARDEX AM 100™ Rapid-Set Pre-Tile Smoothing and Ramping Mortar

ARDEX AM 100™ is a very unique repair and smoothing compound for concrete and masonry surfaces that significantly reduces prep time for the installation of tile on interior or exterior, horizontal and vertical concrete surfaces. It can also be used to slope balconies and drains. It is ideal for use in wet areas such as swimming pools, fountains and below grade installations.

- Install tile in just 2 hours
- Water and frost resistant
- Smooth concrete and masonry surfaces prior to tiling
- Place from 1/4" to 1 1/4"
- One coat only
- Especially suited for re-sloping balconies and sloping to drains

ARDEX TL 1000™ Self-Leveling Underlayment for Tile Installations

ARDEX TL 1000™ Self-Leveling Underlayment is a Portland cement-based self-leveling underlayment with specialty polymers designed specifically for fast floor leveling prior to installing tile.

- Designed specifically for fast leveling of floors prior to installing tile
- Walk on in 3 hours, install tile after 8 hours
- Smooth new or existing concrete, terrazzo, or ceramic tile substrates
- Install up to 1 1/4"

ARDEX TL WOOD™ Self-Leveling Underlayment for Wood and Distressed Gypsum Subfloors

ARDEX TL WOOD™ is a self-leveling underlayment used for smoothing and leveling wood subfloors and for repairing and finishing distressed gypsum substrates above grade prior to the installation of tile and stone floors. It hardens quickly and dries fast without shrinking, cracking, or spalling. It can be used over most types of in-floor heating systems.

- 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" to virtually any thickness; can be tapered to 1/16"
- Needs no special curing
- Use for interior, above grade floors only
- Suitable for use with in-floor hydronic and electric radiant heating systems
- Coverage – 22 sq. ft. per 50 lb. bag at 1/4"



ARDEX TL™ PATCH Tile Leveler, Underlayment Patch and Skimcoat

ARDEX TL PATCH™ is a Portland cement-based patch specifically designed for the fast patching and repair of interior surfaces to provide a permanent, smooth finish prior to the installation of tile and stone products.

- Use over concrete, wood and cutback adhesive residue
- Install from featheredge up to 1"
- Moisture and mildew resistant
- Walk on in only 30 minutes
- Install tile in just 60 to 90 minutes

ARDEX EB 2™ Fast Setting Screed Cement

ARDEX EB 2™ Fast Setting Screed Cement is a polymer-modified Portland cement-based hydraulic cement for producing bonded, unbonded or floating screed beds for use with all types of flooring systems.

- Use for interior and exterior bonded, unbonded and floating screed beds
- Ideal as a screed bed for tile and stone installations (TCNA Handbook F111-07 & F112-07)
- Ideal for high traffic installations
- Use with all types of floor coverings
- Up to 60 minutes working time

ARDEX P 51™ Primer

ARDEX P 51™ improves adhesion of ARDEX products over standard absorbent dry concrete substrates

- For standard, absorbent concrete
- Concentrated primer – dilutes with water
- Seals the substrate
- Improves bond of ARDEX Underlayments
- For interior use only
- Solvent free
- Coverage is 400 to 600 sq. ft. per gallon using a push broom



ARDEX 8+9™

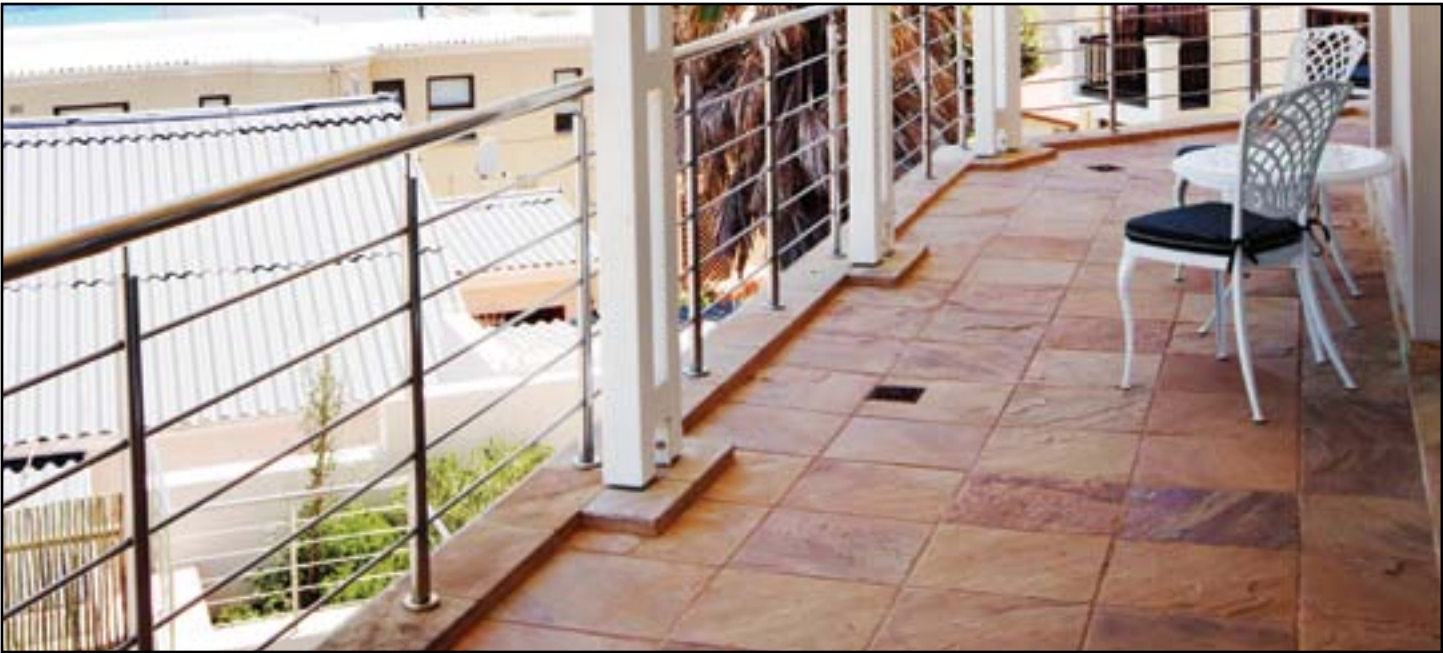
Waterproofing

ARDEX 8+9™ Waterproofing and Crack Isolation Compound

ARDEX 8+9™ Waterproofing and Crack Isolation Compound is a best-in-class, two-component, easy to use waterproofing membrane for use on all common substrates in commercial and residential applications prior to the installation of any type of tile or stone.

- Rapid drying – set tile in only 90 minutes
- Flood test in just 4 hours
- Crack isolation up to 1/8"
- Ideal for bathrooms, kitchens and pool areas
- Solvent-free and non-bituminous
- Can be used as a shower pan
- IAPMO ANSI A 118.10 certified
- Amazing coverage: 100 sq. ft. per unit – (2 coats)





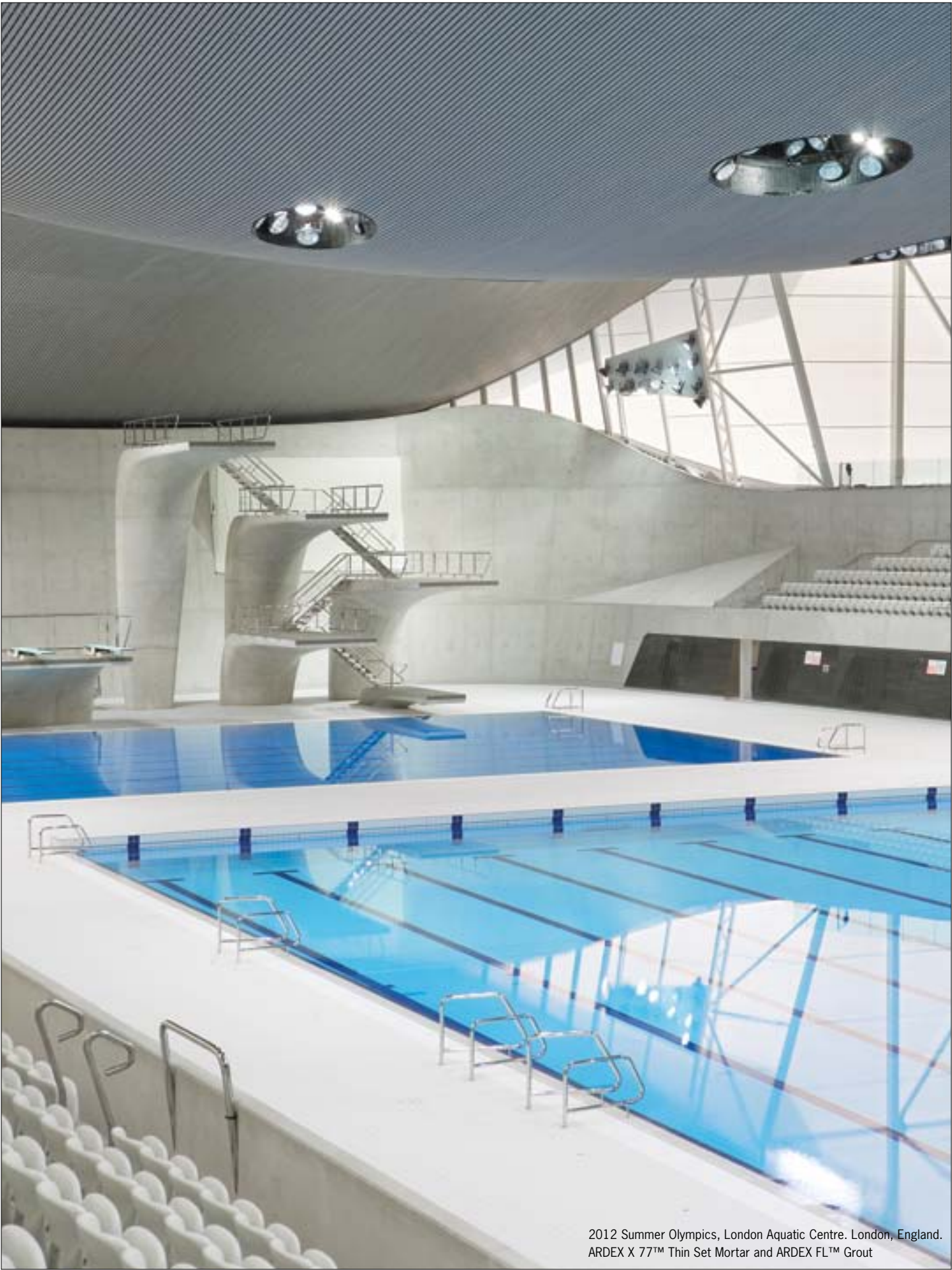
ARDEX Tile & Stone Installation Systems Warranty

All ARDEX Tile & Stone Installation Products come with a one year standard product warranty. When used in a system with other ARDEX products, the entire system is covered under the SystemOne™ extended warranty program providing industry best comprehensive coverage.

	Substrate Prep	Setting Materials	Waterproofing	Grouts/Caulks
10 Year Full Replacement Warranty	ARDEX Liquid BackerBoard® ARDEX EB 2™ ARDEX AM 100™ ARDEX AF 207™	ARDEX X 77™ ARDEX X 78™ ARDEX X 32™ ARDEX X 5™ ARDEX X 7 R™ ARDEX S 16™ ARDEX S 48™ ARDEX FB 9 L™	ARDEX 8+9™	ARDEX FL™ ARDEX FG-C™ ARDEX WA™ ARDEX SX™
5 Year Full Replacement Warranty	ARDEX TL Patch™ ARDEX TL 1000™ ARDEX TL Wood™	ARDEX X 4™ ARDEX X 3™ ARDEX D 14™		



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



2012 Summer Olympics, London Aquatic Centre. London, England.
ARDEX X 77™ Thin Set Mortar and ARDEX FL™ Grout

For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App at the iTunes Store or Google Play.



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