

# ARDEX ENGINEERED CEMENTS

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BuyLine 2112

Flooring Underlayments &  
Toppings, Substrate Repair  
Products, Exterior Concrete  
Repair & Installation Systems

2009

THE SystemOne™  
SOLUTION

SELF-LEVELING  
CONCRETE  
UNDERLAYMENTS

MOISTURE  
CONTROL

SELF-DRYING  
UNDERLAYMENT  
PATCHES

SELF-LEVELING  
CONCRETE  
TOPPINGS

DESIGNER  
FLOORSTM™

EXTERIOR  
CONCRETE  
RESTORATION  
& REPAIR

SEALERS  
& PRIMERS

SELF-LEVELING  
UNDERLAYMENTS



MOISTURE CONTROL



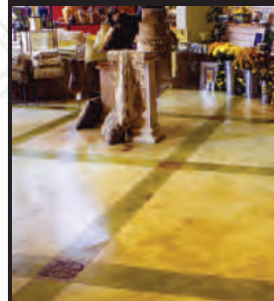
UNDERLAYMENT  
PATCHES



EXTERIOR CONCRETE  
RESTORATION & REPAIR



ARDEX  
DESIGNER FLOORSTM™





## ARDEX ENGINEERED CEMENTS

ARDEX Engineered Cements develops and manufactures specialty cements used by flooring and building professionals for substrate preparation, flooring installation and concrete repair and resurfacing. The company provides products to both the commercial and retail trades throughout North America and the world. To learn more about ARDEX products, please visit [www.ardex.com](http://www.ardex.com)

### New ARDEX Proper Prep™ Program

ARDEX Engineered Cements has taken its 30-year commitment to jobsite success to the next level with the new ARDEX Proper Prep™ Program. As part of the ongoing goal to provide the best product choices and recommendations, this program builds on ARDEX' engineered product technology, the value of installer interaction and hands-on training, and the full support of the ARDEX Sales Professional network and Technical Service Department.

Every experienced contractor knows that all substrates are different, and that jobsite conditions vary tremendously, so a strong background in substrate preparation is essential to determine the correct preparation procedures for any installation.

Applying Proper Prep techniques is imperative for success with difficult substrates, especially such challenges as heavy cutback residue, curing compounds, sealers and solidly bonded floor finishes – and ARDEX stands behind its recommendations. For more information, please call 888-512-7339, or your local ARDEX Sales Professional.



**The Right Choice For Architects & Flooring Specification Professionals** [www.systemonesolutions.com](http://www.systemonesolutions.com)

**The Flooring Industry's Best Installation System:** SystemOne™ combines industry-leading ARDEX Self-Leveling Underlayers and Repair Products with HENRY Adhesives, which are formulated to work together to meet the installation needs of virtually any flooring project.

**Faster And Easier Flooring Specifications:** SystemOne™ is more than just products – it makes flooring specifications fast and easy by enabling architects and specifiers to quickly determine the best HENRY Adhesive for the specified floor covering, as well as the right ARDEX Self-Leveling Underlayer or Repair Product for a smooth, solid substrate.

**The Best Warranty In The Industry:** SystemOne™ installations are backed by *The Industry's Best 10-Year Warranty* – covering not just the products, but also the floor covering and labor – giving you more confidence behind every job you specify.

## SELF-LEVELING CONCRETE UNDERLAYMENTS

For fast-track leveling and smoothing of substrates prior to the installation of finished floor covering. These underlayers seek their own level and produce a smooth, flat, hard surface that hardens quickly and dries fast without shrinking, cracking, or spalling.

	Pumpable	Over concrete	Over wooden floors	Over cutback adhesive residue	Over ceramic tile and terrazzo	Max. installation thickness without aggregate	Max. installation thickness with aggregate	Curing time before installation of flooring	Compressive strength psi (ASTM C109/mod air cure only)	Portland cement-based	Water resistant
<b>ARDEX SD-L™ SELF-LEVELING FLOORING UNDERLAYMENT</b> A self-drying, self-leveling concrete for same day installation of flooring.	●	●	●	●	●	½"	N/A	when hard (2-3 hrs)	4700	●	●
<b>#1 specified underlayment in North America!</b> <b>ARDEX K 15® SELF-LEVELING UNDERLAYMENT CONCRETE</b> High-strength, fast setting. Recommended and specified by major flooring manufacturers and architects.	●	●	●	●	●	1½"	5"	16 hrs	4100	●	●
<b>ARDEX LU 100™, SELF-LEVELING FLOORING UNDERLAYMENT</b> Smooth new or existing concrete, VCT and existing patching, leveling or fill materials. (ABOVE GRADE ONLY)	●	●	N/A	●	N/A	2"	5"	2-3 days	4100	N/A	N/A
<b>ARDEX V 1200™ SELF-LEVELING FLOORING UNDERLAYMENT</b> For use over concrete, ceramic tile and terrazzo. Hardens quickly and dries fast without cracking or spalling.	●	●	N/A	●	●	1¼"	N/A	1-3 days	4000	●	●
<b>ARDEX GS-4™ SELF-LEVELING UNDERLAYMENT FOR DISTRESSED GYPSUM AND WOOD SUBFLOORS</b> An underlayment used for repairing gypsum and wood substrates prior to installing new flooring. (ABOVE GRADE ONLY)	●	N/A	●	N/A	N/A	2"	5"	2-3 days	4000	N/A	N/A

## MOISTURE CONTROL SYSTEMS

### ARDEX MC™ MOISTURE CONTROL SYSTEM

A two-coat epoxy resin system with sand broadcast to suppress excessive moisture vapor. Solvent-free, alkali resistant, low viscosity. For new or existing concrete substrates to receive ARDEX Underlayments & Toppings. Finished system reduces emissions from 20 lbs. or 95% RH to less than 3 lbs. overnight.

### ARDEX S 21™ SMOOTHING COMPOUND/PATCH

Completely water and frost resistant. Specially formulated for use with ARDEX MC™ MOISTURE CONTROL SYSTEM. For interior and exterior concrete of all grades.

## SELF-DRYING UNDERLAYMENT PATCHES

Portland cement-based self-drying underlayments for rapid floor installations. ARDEX FEATHER FINISH® and ARDEX SD-P® mix with water only – no latex or additives are necessary. Use for interior applications only.

	Trowelable	Over concrete	Over wooden floors	Over cutback adhesive residue	Over ceramic tile and terrazzo	Max. installation thickness without aggregate	Max. installation thickness with aggregate	Curing time before installation of flooring	Compressive strength psi (ASTM C109/mod air cure only)	Portland cement-based	Water resistant	Self-drying
<b>ARDEX SD-P®</b> Trowelable, high-strength underlayment for smoothing and repairing concrete floors, ramps and stairways. Hardens within 1 hour.	●	●	N/A	N/A	●	1"	3"	when hard (1 hr)	4200	●	●	●
<b>ARDEX FEATHER FINISH®</b> Install up to virtually any thickness with no primer or additives. No need to sand or grind surface. Will not contribute to staining, mold or mildew.	●	●	●	●	●	any (in well defined areas)	N/A	when hard (½ hr)	4200	●	●	●

## SELF-LEVELING CONCRETE TOPPING

For fast track installation of concrete wear surfaces in warehouses, utility rooms and light manufacturing. Use ARDEX SD-T® when installing ARDEX Designer Floors™ in areas such as retail, television studios and all interiors requiring such a surface.

	Pumpable	Over concrete	Max. installation thickness without aggregate	Max. installation thickness with aggregate	Curing time before covering or sealing	Compressive strength psi (ASTM C109/mod air cure only)	Portland cement-based	Water resistant	Self-drying	Recommended sealer	Able to take foot traffic
<b>ARDEX SD-T® SELF-DRYING, SELF-LEVELING TOPPING</b> Fast-track wear surface. Install and seal the same day. See ARDEX Designer Floors™.	●	●	2"	5"	when hard (2-3 hrs)	6100	●	●	●	ARDEX CG™	2 hrs
<b>ARDEX K 500™ SELF-LEVELING CONCRETE TOPPING</b> Self-leveling cementitious topping for resurfacing and leveling indoor concrete such as warehouse floors, utility areas and hallways.	●	●	1½"	5"	24 hrs	5300	●	●	N/A	ARDEX CG™	2 hrs

## DESIGNER FLOORS™

ARDEX Designer Floors™ offer unlimited design possibilities – from natural cement gray to brilliant integral and topical colors, unique design patterns and custom logos.

### ARDEX SD-T® SELF-DRYING, SELF-LEVELING TOPPING

- Fast track indoor wear surface
- Install and seal the same day
- Color can be applied integrally and/or topically
- Use with additional design elements, such as metal or wooden insets, or stencil blasted relief effects
- Available in gray or white

### ARDEX SD-M™ DESIGNER FLOOR FINISH™

- Self-drying cementitious topping that provides a smooth surface at a minimum of only 20 mils thick
- No primers or latex additives necessary
- Micro-powder technology allows for greater coverage with excellent bond
- Color can be applied integrally and/or topically
- Available in gray or white

For more information about these and other ARDEX products, including the ARDEX Tile & Stone Installation System, or to find out more about SystemOne™, HENRY Flooring Adhesives or training programs please visit our web sites:

www.ardex.com  
www.designerfloors.com  
www.systemonesolutions.com  
www.wwhenry.com

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## PRIMERS

### ARDEX EP 2000™ SUBSTRATE PREPARATION EPOXY PRIMER

A two-component epoxy formulated for use with ARDEX Underlayments & Toppings for critical substrates. Suited for concrete and non-porous substrates. Required primer for ARDEX DESIGNER FLOORST™.

### ARDEX P 51™ PRIMER

For use over standard absorbent concrete. Seals the substrate and improves the bond of ARDEX Underlayments & Toppings. Non-toxic, non-flammable. Ready to install ARDEX Underlayments or Toppings in as little as 3 hours.

### ARDEX P 82™ ULTRA PRIME

For non-porous concrete, ceramic tile, terrazzo, wood, cutback and metal substrates. High-strength and solvent-free. Improves bond of ARDEX Underlayments. Ready to install ARDEX Underlayments in as little as 3 hours.

## CONCRETE RESTORATION & REPAIR

Repair and resurface damaged concrete surfaces such as parking decks, sidewalks, driveways and walls. (Freeze/thaw resistant.)

	Wear surface	Max. installation thickness without aggregate	Max. installation thickness with aggregate	Pot life	Sandable	Compressive strength psi (ASTM C109/mod air cure only)	Portland cement-based	Water resistant	Self-drying	Recommended sealer or topping	Curing time before painting or sealing
<b>ARDEX CP™ CONCRETE PATCH</b> Cementitious topping for filling and repairing outdoor and indoor concrete.	●	1/2"	1"	30-45 min.	N/A	3600	●	●	N/A	ARDEX CG™	24 hrs
										ARDEX CD™ or CD FINE™	4 hrs
<b>ARDEX CD™ / ARDEX CD FINE™ CONCRETE DRESSING</b> No primers or pre-wetting necessary before applying. Easily applied by trowel or squeegee.	●	1/4"	N/A	30 min.	N/A	4000	●	●	N/A	ARDEX CG™	when hard (2-3 hrs)

### The ARDEX Wall Patching and Finishing System™

Wall patching and finishing products for use on overhead and vertical concrete and masonry surfaces prior to painting or sealing

<b>ARDEX TWP™ FINISHING COMPOUND</b> For fast-track, small area repairs. High-yield that dries quickly.	N/A	unlimited (in well defined areas)	N/A	15-20 min.	YES	N/A	●	●	●	ARDEX CG™	when hard (1/2 hr)
<b>ARDEX OVP™ FINISHING COMPOUND</b> For large area repairs. Long pot life with high-yield.	N/A	unlimited (in well defined areas)	N/A	90 min.	YES	N/A	●	●	●	ARDEX CG™	when hard (2-3 hrs)

## SEALERS

### ARDEX CG™ CONCRETE GUARD™

A high-solids acrylic concrete sealer for interior and exterior use. Easy to apply and quick drying. UV stable and non-flammable. Resists peeling and flaking. Available in clear or concrete gray.

### ARDEX STONE OIL™ SEALER

- Creates a water resistant surface
- Intended for interior use over ARDEX SD-T® in residential and commercial applications
- Environmentally safe
- Economical and easy to maintain

• Charts are intended for selection purposes only. Please refer to each product's technical brochure and packaging for installation details, or visit [www.ardex.com](http://www.ardex.com)

**LevelMaster Elite**   
INSTALLER

### ...Expert Installation of ARDEX Products

By contracting the installation of an ARDEX product through a member of the Ardex LevelMaster Elite Installer® Program, you can select from among the most experienced and conscientious installers of ARDEX products in the world. Each installation performed according to ARDEX recommendations by a LevelMaster Elite Installer® is accompanied by an extended ARDEX Warranty of ten (10) years and the full support of the ARDEX Technical Service Department.

For information on ARDEX LevelMaster Elite Installers, visit [www.ardexlevelmasterelite.com](http://www.ardexlevelmasterelite.com), or schedule an appointment with an ARDEX Architectural Specialist by calling 888-444-4148.

For product information, please visit [www.ardex.com](http://www.ardex.com)  
For questions, please call 888-444-4148, or e-mail [sweets@ardex.com](mailto:sweets@ardex.com)