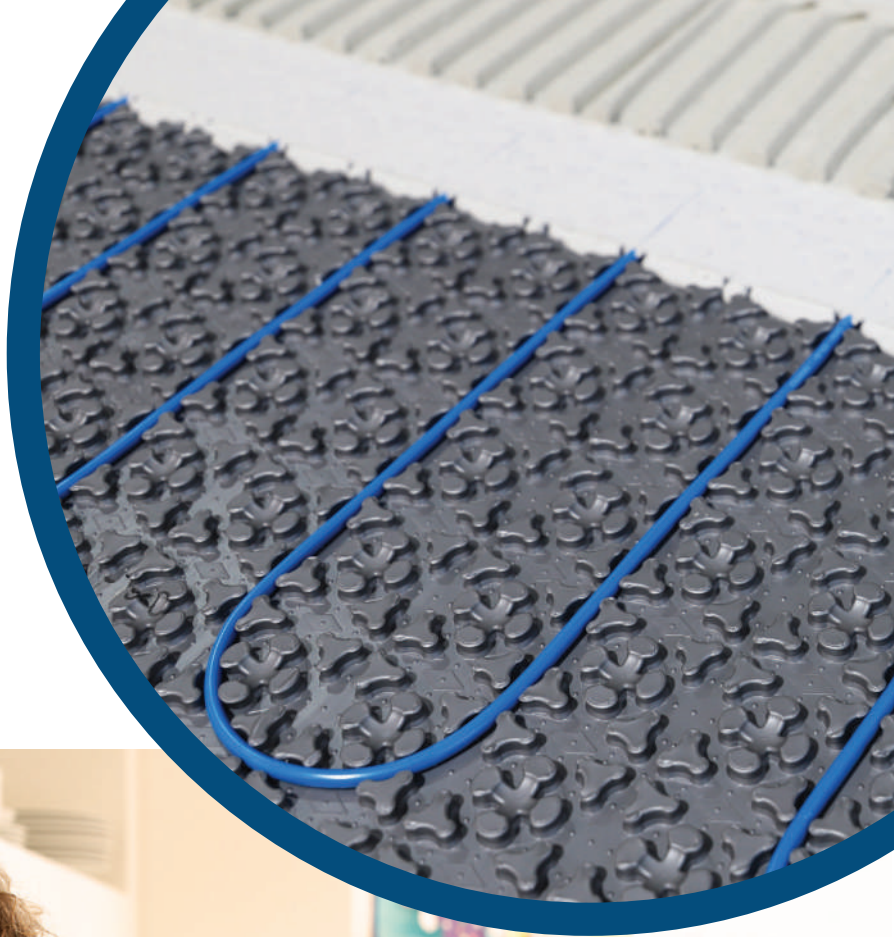


# ARDEX FLEXBONE<sup>®</sup> HEAT

IN-FLOOR HEATING SYSTEMS



Innovative Design for  
Maximum Comfort  
and Energy Efficiency



tile & stone  
Installation Systems

724-203-5000 • [www.ardexamericas.com](http://www.ardexamericas.com)

**Three convenient thermostat options** for the FLEXBONE HEAT System, to ensure you can find the right fit for you; Wi-Fi Enabled (shown), Touch Programmable and Basic.

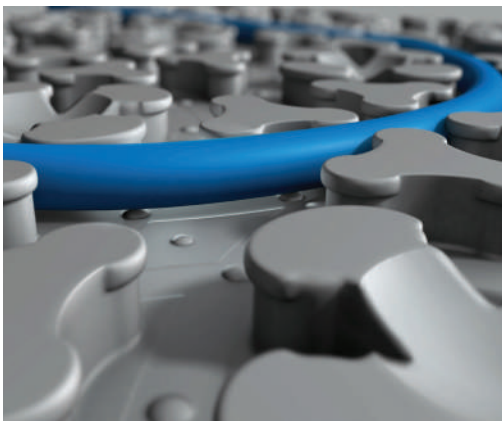
**Smart Phone Control App** for real time control from anywhere! Monitor and adjust heating to lower energy usage.

The uniquely designed FLEXBONE® HEAT Membrane is a **3 in 1 solution**: for **heating, uncoupling and waterproofing**.

## ARDEX FLEXBONE® HEAT

The most comprehensive, single-source, in-floor radiant heat system available. With precision German engineering and inspired design, **ARDEX FLEXBONE® HEAT** delivers customizable heat faster and more efficiently than any other system, **using up to 11% less energy!**

**ARDEX FLEXBONE® HEAT** is ideal for all types of tile, stone and other manufacturer-approved floor coverings. The 10-Year complete system warranty leaves you feeling more comfortable.



## ARDEX FLEXBONE® HEAT Membrane

The uniquely designed ARDEX FLEXBONE® HEAT Membrane is a **3-in-1** solution: for heating, uncoupling and waterproofing.

### Thoughtful engineering for greater heat efficiency:

- Up to 81% less air space under the membrane allows for faster and more efficient heating
- Holds cable securely, with less membrane contact for increased heat efficiency

### Designed for ease of installation:

- Pre-fill in JUST ONE PASS!
- Little to no memory, rolls out flat every time



## ARDEX FLEXBONE® Heating Cables

The FLEXBONE® Heating Cables are manufactured to the highest safety and quality standards. Engineered with aluminum tubing and FEP cable insulation, FLEXBONE® Heating Cables produce maximum heat spread using minimal wattage. There are 34 cable lengths available and all share the same diameter, for a reliably secure fit every time!

- Cold/Hot junction self-contained within the cable; no bulky connection to cut and bury
- Two (2) provided Floor Sensors (one with heat cable / one with thermostat)
- Available in both 120V and 240V
- Less heating cable required per sq. ft.



## ARDEX FLEXBONE® HEAT Thermostats

There are three convenient options for the FLEXBONE HEAT System to ensure you can find the right fit for you, the Wi-Fi enabled (shown), Touch Programmable and Basic models.

- **Wi-Fi Enabled:**
  - Smart Phone Control App for real time control from anywhere
  - Monitor and adjust heating while not at home to save energy
- Floor sensors included with all models
- FLEXBONE® HEAT Power Module - connects two cables to one thermostat

# ARDEX FLEXBONE® HEAT IN-FLOOR HEATING SYSTEMS

The Most Comprehensive, Single-Source System Solutions

# LEAVING THE COMPETITION OUT IN THE COLD

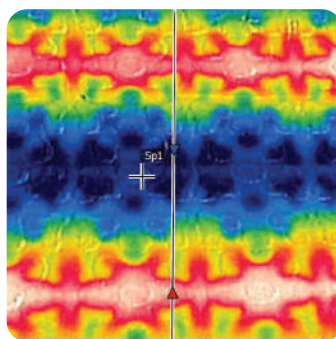
TEMPERATURE ON SURFACE OF TILE		
	Start	AFTER 30 MINUTES
<b>ARDEX FLEXBONE® HEAT</b>	65°F (18.4°C)	<b>79.5°F (26.4°C)</b>
Leading Competitor	65°F (18.4°C)	77.9°F (25.5°C)

The FLEXBONE® HEAT floor also stays warmer longer after the system is turned off. After turning the system off, **30 minutes later the FLEXBONE® HEAT floor is still 2 DEGREES WARMER!**

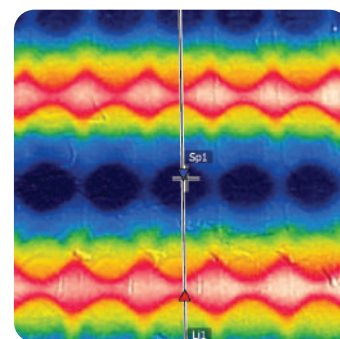


## MORE HEAT less of a footprint!

- Better heat spread
- 11% less wattage required per sq. ft.
- Less cable required per sq. ft.



FLEXBONE® HEAT THERMAL IMAGE



COMPETITOR THERMAL IMAGE

The revolutionary, innovative design of the ARDEX FLEXBONE® HEAT system has outstanding energy efficiency and delivers more warmth faster, exactly where you want it...on your bare feet!

# FLEXBONE HEAT

In-Floor Heat Cable



Available FLEXBONE® Heating Cables							
Product Name	SAP#	Voltage	Heat Area (sq. ft.)	Heat Area (m <sup>2</sup> )	Cable Length (ft.)	Cable Length (m)	Watts
ARDEX UH 910-15	30032	120	15	1.4	39.6	12.1	150
ARDEX UH 910-22	30033	120	21.5	2	57.9	17.7	225
ARDEX UH 910-28	30034	120	28	2.6	78	23.8	300
ARDEX UH 910-36	30035	120	35.5	3.3	98	29.9	375
ARDEX UH 910-42	30036	120	42	3.9	118	36.0	451
ARDEX UH 910-49	30037	120	48.5	4.5	136.4	41.6	525
ARDEX UH 910-55	30038	120	55	5.1	156.4	47.7	600
ARDEX UH 910-63	30039	120	62.5	5.8	176.4	53.8	675
ARDEX UH 910-68	30040	120	68	6.3	196.4	59.9	750
ARDEX UH 910-81	30041	120	81	7.5	234.8	71.6	900
ARDEX UH 910-95	30042	120	95	8.8	274.8	83.8	1,050
ARDEX UH 910-108	30043	120	107.5	10	313.2	95.5	1,200
ARDEX UH 910-122	30044	120	121.5	11.3	353.2	107.7	1,350
ARDEX UH 910-134	30045	120	133.5	12.4	391.6	119.4	1,500
ARDEX UH 910-151	30046	120	150.5	14	439	133.8	1,679
ARDEX UH 910-15	30047	240	15	1.4	39.6	12.1	150
ARDEX UH 910-22	30048	240	21.5	2	57.9	17.7	225
ARDEX UH 910-28	30049	240	28	2.6	78	23.8	300
ARDEX UH 910-36	30050	240	35.5	3.3	98	29.9	375
ARDEX UH 910-42	30051	240	42	3.9	118	36.0	451
ARDEX UH 910-49	30052	240	48.5	4.5	136.4	41.6	525
ARDEX UH 910-55	30053	240	55	5.1	156.4	47.7	600
ARDEX UH 910-63	30054	240	62.5	5.8	176.4	53.8	675
ARDEX UH 910-68	30055	240	68	6.3	196.4	59.9	750
ARDEX UH 910-81	30056	240	81	7.5	234.8	71.6	900
ARDEX UH 910-95	30057	240	95	8.8	274.8	83.8	1,050
ARDEX UH 910-108	30058	240	107.5	10	313.2	95.5	1,200
ARDEX UH 910-122	30059	240	121.5	11.3	353.2	107.7	1,350
ARDEX UH 910-134	30060	240	133.5	12.4	391.6	119.4	1,500
ARDEX UH 910-151	30061	240	150.5	14	439	133.8	1,679
ARDEX UH 910-172	30062	240	172	16	510.8	155.7	1,954
ARDEX UH 910-194	30063	240	194	18	569.2	173.5	2,177
ARDEX UH 910-216	30064	240	215.5	20	635.5	193.7	2,431
ARDEX UH 910-248	30065	240	247.5	23	744.8	227.0	2,849



# ARDEX FLEXBONE® HEAT

## IN-FLOOR HEATING SYSTEMS

Warmth, comfort AND outstanding energy efficiency in any room!

# ARDEX FLEXBONE® HEAT WARRANTY

The **ARDEX FLEXBONE® HEAT Warranty** is a **comprehensive system warranty** that covers substrate preparation, waterproofing, mortar, grout and all the components of the ARDEX FLEXBONE® HEAT System!

It's easy to register your installation. For complete details, visit [www.ardexamericas.com](http://www.ardexamericas.com) or call our Technical Department at 1-888-512-7339.

## ARDEX FLEXBONE® **HEAT** COMPLETE SINGLE-SOURCE SYSTEM SOLUTIONS

ARDEX high-performance mortars are extremely creamy, with great strength and outstanding working times.

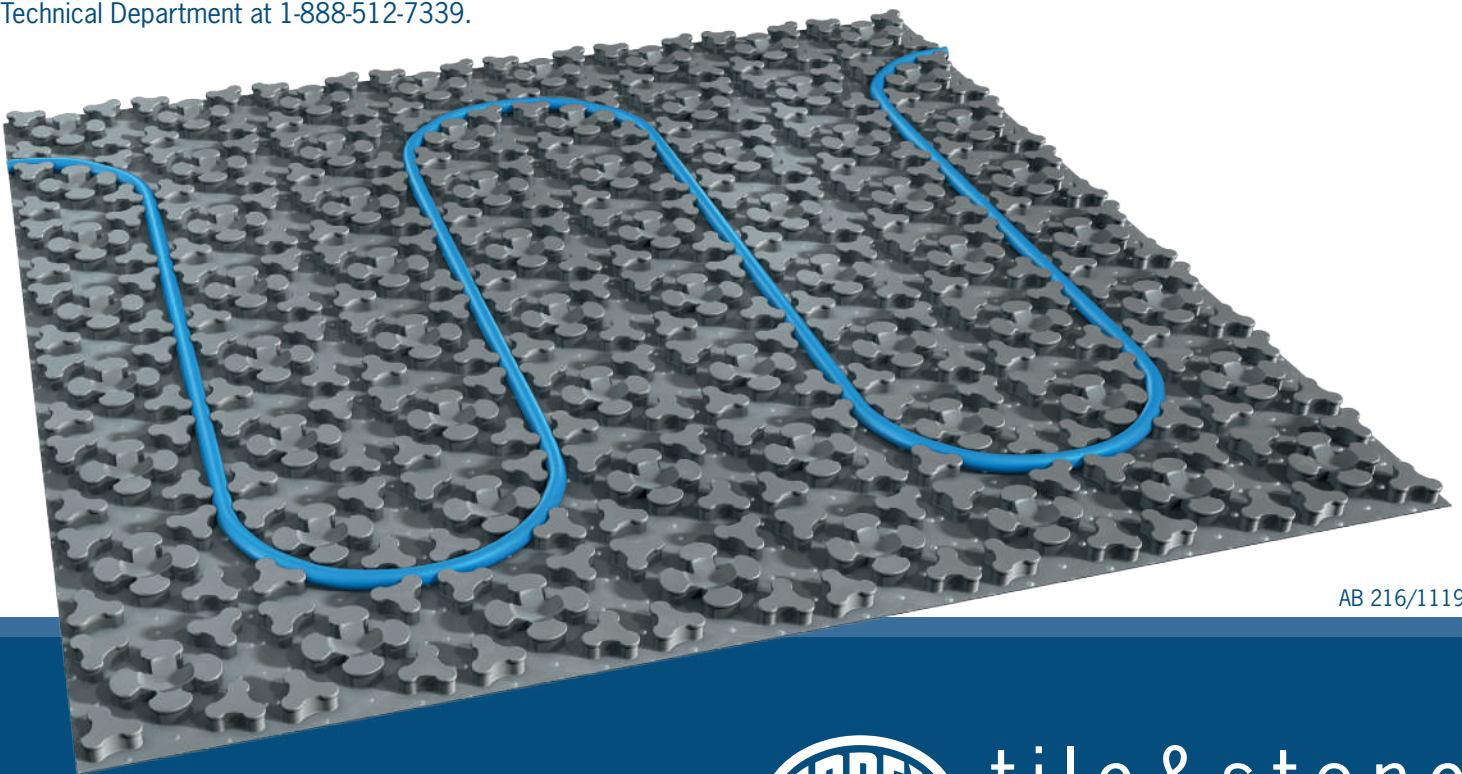
- **ARDEX S 28™ MICROTEC®** Rapid-Set, Rapid-Dry, Super-Format Tile and Uncoupling Membrane Mortar
- **ARDEX X 77™ MICROTEC®** Fiber Reinforced Tile and Stone Mortar
- **ARDEX X 78™ MICROTEC®** Fiber Reinforced, Semi-Pourable Tile and Stone Mortar
- **ARDEX X 5™** Flexible Tile and Stone Mortar

Our industry-leading self-leveling underlayments offer a very fast pre-fill option to easily encase the cables.

- **ARDEX Liquid BackerBoard®**
- **ARDEX K 60™ ARDITEX**

ARDEX revolutionary grouts are color-consistent and offer you fuller, stronger grout joints.

- **ARDEX FL™** Rapid Set, Flexible, Sanded Grout
- **ARDEX WA™** High Performance, 100% Solids Epoxy Grout and Adhesive
- **ARDEX FH™** Sanded Floor and Wall Grout



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