



# EZ-HEAT MAT SYSTEM

Advanced Amorphous Metal Tape Technology

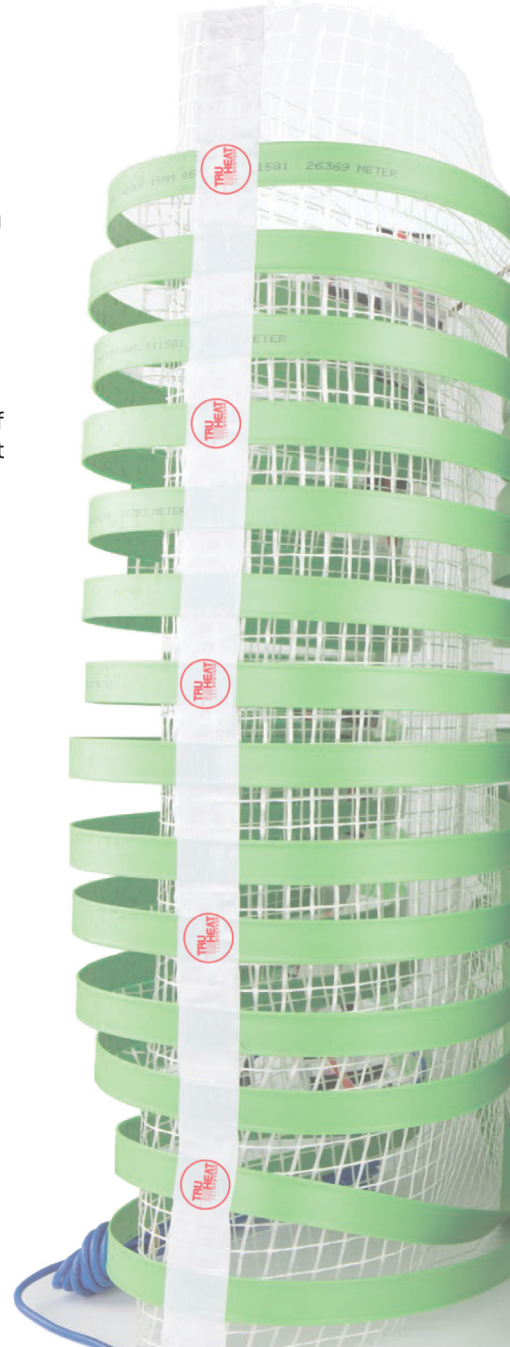
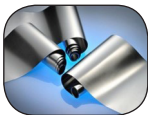
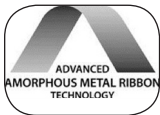
Introducing TruHeat's revolutionary EZ-HEAT mat heating system, utilizing our patented amorphous metal tape heating element. EZ-HEAT mats offer exceptional energy efficiency along with other added benefits such as easy, flexible installation.

The advantage of the EZ-HEAT mats lies in our state of the art heating element. Our heating mats are constructed with our patented amorphous metal tape technology which not only offers a faster heat transfer but also covers 8 times more surface area of the floor compared to wire-based heating mats. This large heat transfer area allows our heating element to operate at lower temperatures of about 30°C/86°F (compared to the typical temperature range of more than 60°C/140°F at the core of a common heating wire), and still generate the required heat to the surrounding area.

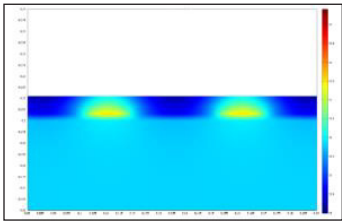
Additionally, while wire-based systems need to be buried deep within a concrete layer to ensure safety and no damage to floors, the EZ-HEAT mats allow direct installation of ceramic tile, timber, parquet or carpet above the heating mats with no danger of damaging the color, texture or coating of these delicate floor coverings. Floating floors such as laminate, LVT, engineered hardwood, or carpet can usually be installed directly on top without requiring a protective cement layer saving you on unnecessary installation costs.

## ADVANTAGES

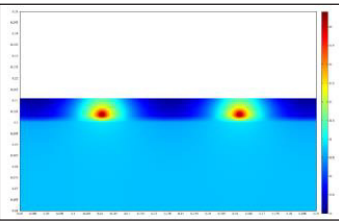
- ✓ **REACHES WORKING TEMPERATURES IN MINUTES**
- ✓ **GENERATES MORE CONSISTENT HEAT**
- ✓ **IDEAL AS PRIMARY HEAT SOURCE**
- ✓ **PERFECT FOR ALL FLOORS**
- ✓ **ENERGY EFFICIENT**
- ✓ **ULTRA LOW 2MM PROFILE**



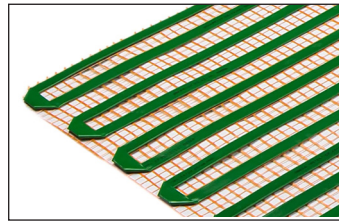
## EZ-HEAT MATS vs WIRE BASED SYSTEMS



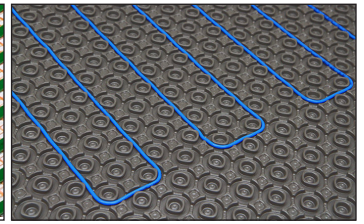
AMORPHOUS METAL TAPE  
INSTANT HEAT TRANSFER



WIRE BASED SYSTEMS  
DELAYED HEAT TRANSFER

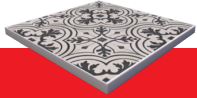


GREATER SURFACE COVERAGE  
70%

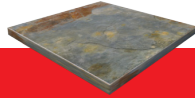


MINIMAL SURFACE COVERAGE  
20%

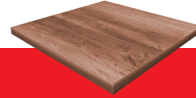
## INSTALLS UNDER



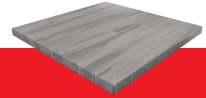
TILES



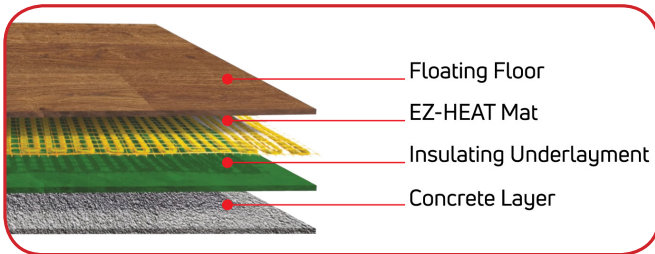
STONE



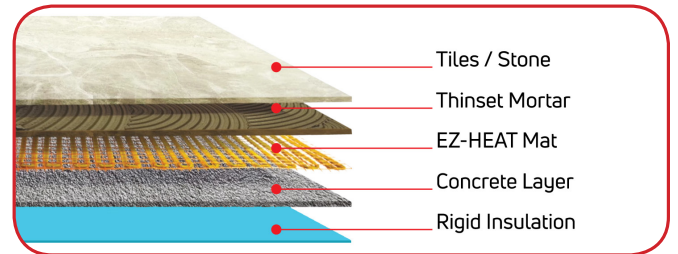
LAMINATE & ENGINEERED WOOD  
NO CEMENT LAYER REQUIRED



LVT  
NO CEMENT LAYER REQUIRED



FLOATING FLOORS INSTALLATION



TILES / STONE INSTALLATION

## EASY INSTALLATION PROCESS



LAY INSULATION



ROLL OUT EZ-HEAT MATS



APPLY SLC OR THINSET  
(NOT REQUIRED FOR FLOATING FLOORS)



INSTALL FLOOR COVERING

## HEATING SYSTEM COMPARISON

	HOT WATER	CARBON HEATING FILM	HEATING WIRE CABLES	TRUHEAT EZ-HEAT MATS
Covered Area	5% - 10%	20% - 30%	1% - 3%	20% - 30%
Heating Uniformity	POOR	EXCELLENT	POOR	EXCELLENT
Operating Temp.	40°C/104°F - 55°C/131°F	28°C/82°F - 30°C/86°F	50°C/122°F - 60°C/140°F	28°C/82°F - 30°C/86°F
Suitable For All Floors	YES	NO	NO	YES
Ease Of Installation	DIFFICULT	DIFFICULT	EASY	EASY
Installation Cost	HIGH	MEDIUM	MEDIUM	LOW
Maintenance	REQUIRED	NOT REQUIRED	NOT REQUIRED	NOT NEEDED
Maintenance Cost	HIGH	ZERO	ZERO	ZERO
Energy Consumption	HIGH	LOW	MEDIUM	LOW

■ BEST FEATURE CATEGORY PERFORMANCE

Truly A Smarter Way To Heat

## EZ-HEAT ECO - 7 WATTS / SQFT.

RECOMMENDED FOR NEW BUILT HOMES WITH LOW HEAT LOSS  
AVAILABLE IN 120V OR 240V

WIDTH (IN.)	LENGTH (FT.)	SQFT.	WATTS	AMPERAGE 120v	AMPERAGE 240v
20	3.3	5.5	39	0.33	0.16
	4	6.6	47	0.39	0.20
	5	8.3	59	0.49	0.25
	6.5	10.8	76	0.63	0.32
	8	13.3	94	0.78	0.39
	10	16.6	117	0.98	0.49
	11.5	19	133	1.11	0.55
	13	21.6	152	1.27	0.63
	15	25	175	1.46	0.73
	16	26.5	186	1.55	0.78
	18*	30	210	1.75	0.88
	19.5*	32	224	1.87	0.93
	21*	35	245	2.04	1.02
	23*	38	266	2.22	1.11

WIDTH (IN.)	LENGTH (FT.)	SQFT.	WATTS	AMPERAGE 120v	AMPERAGE 240v
40	3.3	11	77	0.64	0.32
	5	16.5	116	0.97	0.49
	6.5	21.5	151	1.26	0.63
	8	26	182	1.52	0.76
	10*	33	231	1.93	0.97
	11.5*	38	266	2.22	1.11
	13*	43	301	2.51	1.26
	15*	50	350	2.92	1.46
	16.5*	60	420	3.50	1.75

- Mat lengths marked with (\*) are not available in 120v
- Mat length variance ± 0.5 inches

## EZ-HEAT CLASSIC - 14 WATTS / SQFT.

RECOMMENDED FOR OLDER HOMES WITH HIGH HEAT LOSS  
AVAILABLE IN 120V OR 240V

WIDTH (IN.)	LENGTH (FT.)	SQFT.	WATTS	AMPERAGE 120v	AMPERAGE 240v
20	3.3	5.5	77	0.64	0.32
	4	6.6	93	0.78	0.39
	5	8.3	116	0.97	0.49
	6.5	10.8	151	1.26	0.63
	8	13.3	186	1.55	0.78
	10	16.6	233	1.94	0.97
	11.5	19	266	2.22	1.11
	13*	21.6	302	2.52	1.26
	15*	25	350	2.92	1.46
	16*	26.5	372	3.10	1.55
	18*	30	420	3.50	1.75
	19.5*	32	448	3.73	1.87
	21*	35	490	4.08	2.04
	23*	38	532	4.43	2.22

WIDTH (IN.)	LENGTH (FT.)	SQFT.	WATTS	AMPERAGE 120v	AMPERAGE 240v
40	3.3	11	154	1.28	0.64
	5	16.5	231	1.93	0.96
	6.5*	21.5	301	2.51	1.25
	8*	26	364	3.03	1.52
	10*	33	462	3.85	1.93
	11.5*	38	532	4.43	2.22
	13*	43	602	5.02	2.51

- Mat lengths marked with (\*) are not available in 120v
- Mat length variance ± 0.5 inches

