



# Electric Under-Floor Heating Systems

2019



# PRODUCT RANGE

## 1. Under-Floor Heating Systems:

- Heating Mats
- Heating Cable Sections
- Ultra Thin Aluminium Foil Heating Mats

## 2. Thermostats

## 3. Under-Carpet Heaters

## 4. Heating Carpets

## 5. Towel Heaters

## 6. Mirror De-Misters

## 7. Mold Prevention System

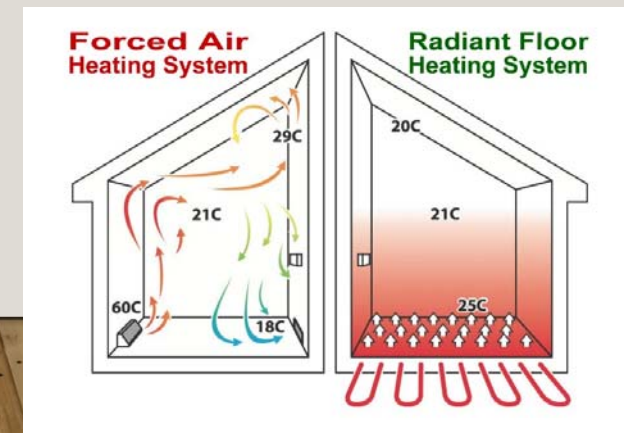
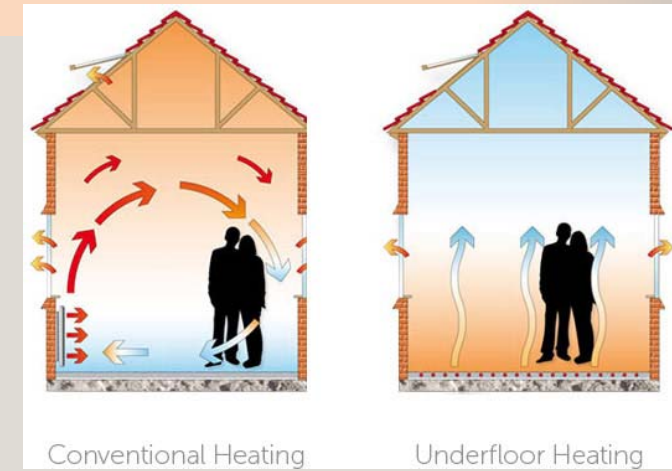
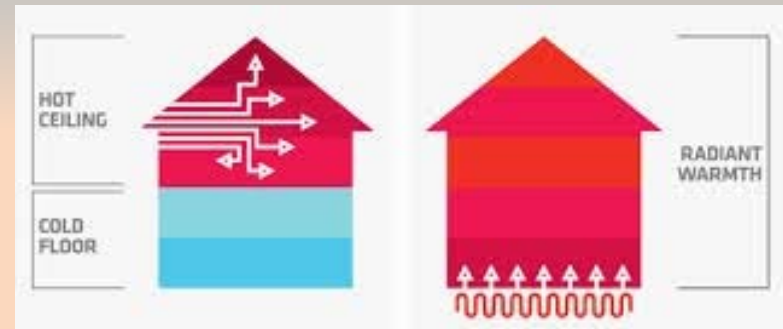


Over 1 Million Installations in Russia



# UNDER-FLOOR HEATING ADVANTAGES

- Entire Room Area Heating
- Comfortable, Natural Heat Distribution
- No Air Convection Flows
- Affordable: Up to 70% Savings on Power Bills
- Hypo-Allergic: No Dust/Allergens in Air
- Healthy: No Oxygen Burned; No Moisture
- Flexible Settings: New Projects and Renovations
- Designer Friendly: Does Not Occupy Room Space
- Safe: EMR level less than 0.2 mkTI



**YOUR BEST FRIEND IN WINTER!.....**



# ELECTRIC UNDER-FLOOR HEATING ADVANTAGES



- **Simple and Fast Installation: No Plumbing Contractor Needed, One Connection to the Power**
- **Less Ceiling Height Sacrifice**
- **Affordable Installation:**
  - ✓ No need for heat pump or mini-boiler
  - ✓ Materials getting cheaper every year
- **Installation Flexibility:**
  - ✓ Into the Mortar Screed
  - ✓ Into the Tile Glue
  - ✓ Under the Carpeted/Wood/Parquet Floors
- **No Maintenance Needed**

**No more ice-cold floors...**

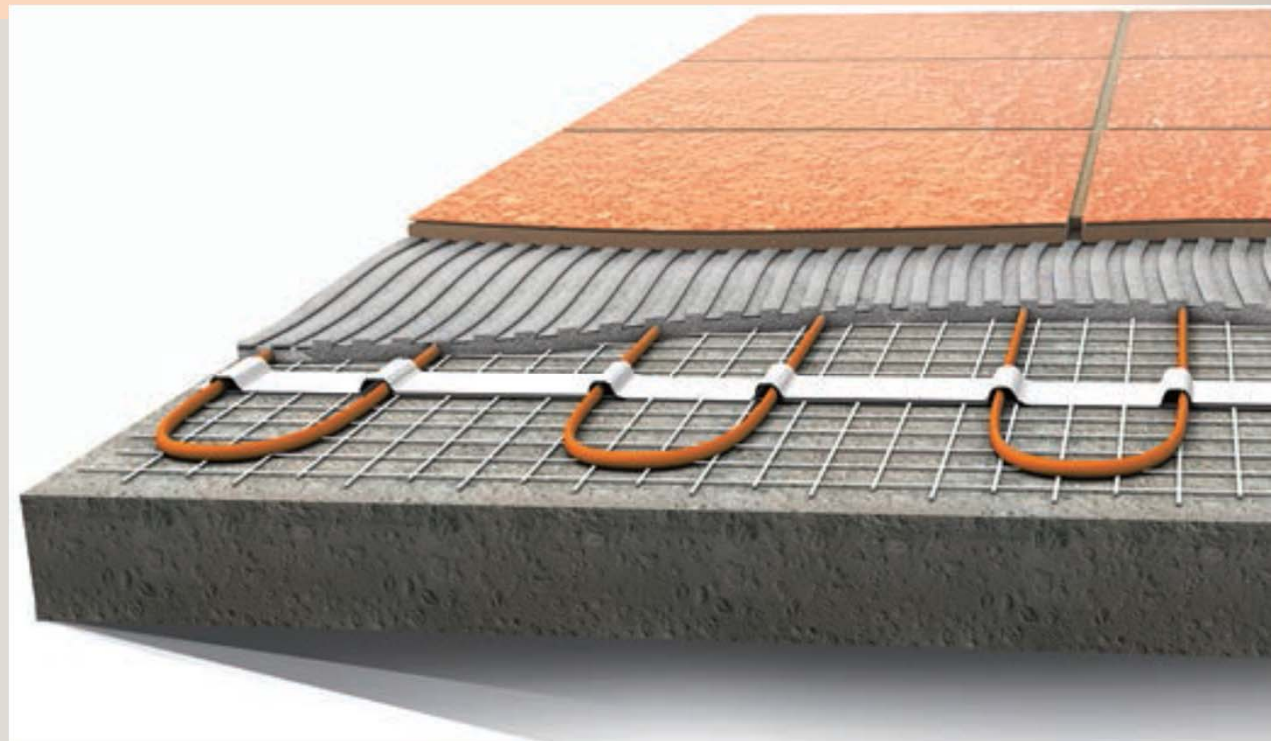


# PROFI / TROPIX DOUBLE CORE HEATING MATS

Self-adhesive heating mat with perfect cable laying radius developed for fast and easy installation in standard layout premises

## TECHNICAL DATA

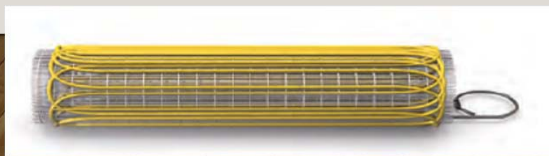
Rated Power	230 VAC
Specific Power	100/150/200 W/m <sup>2</sup>
Mat Width	0.5 m
Heating Area, m <sup>2</sup>	up to 20
Cable Diameter	Approx. 3.5-5.0 mm
Cold Lead Length	3 m



## CERTIFICATIONS



RoHS





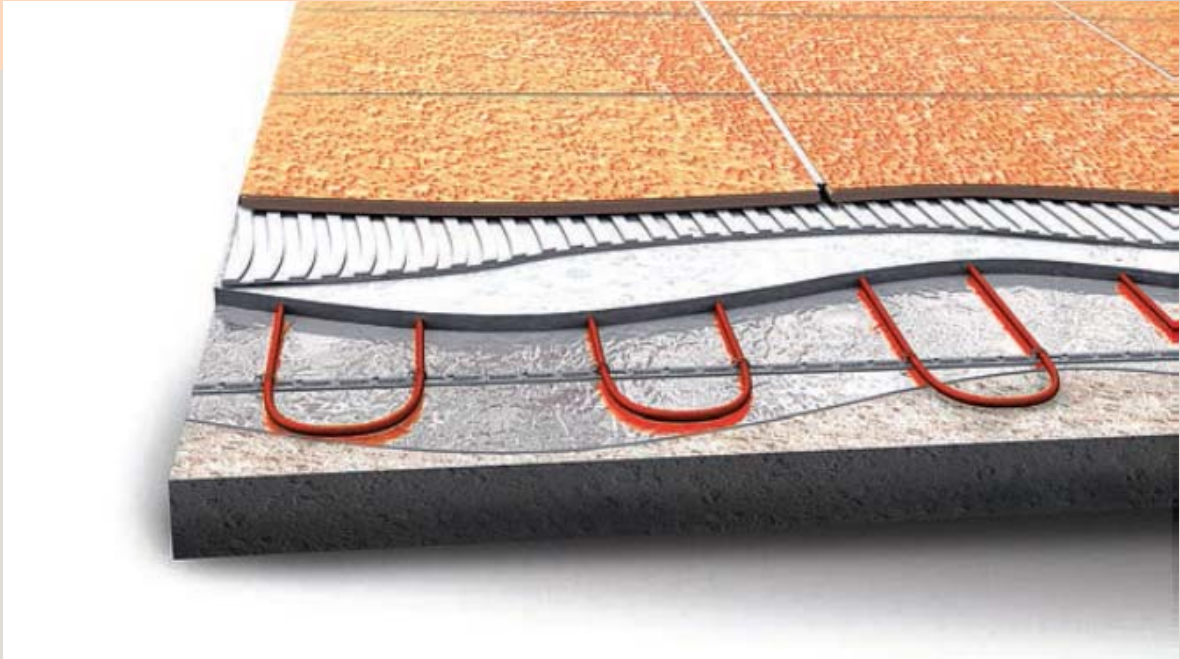


# TLBE / GB DOUBLE CORE HEATING CABLE

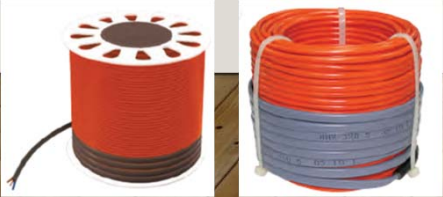
Flexible solution for complex configuration premises

## TECHNICAL DATA

Rated Power	230 VAC
Specific Power	16 to 18 W/m
Heating Area, m <sup>2</sup>	up to 22
Minimum Bending Radius	30 mm
Cable Diameter	3.5 to 7.9 mm
Cold Lead Length	3 m



## CERTIFICATIONS





# ALUMIA ULTRA-THIN FOILED HEATING MATS

1.8 mm thick heating mat for installation in the floor floating layer

## TECHNICAL DATA

Rated Power	230 VAC
Specific Power	80/150 W/m <sup>2</sup>
Mat Width	0.5 m
Heating Area, m <sup>2</sup>	up to 15
Cable Diameter	Approx. 1.18 to 1.62 mm
Cold Lead Length	3 to 4 m

## CERTIFICATIONS



Laminate



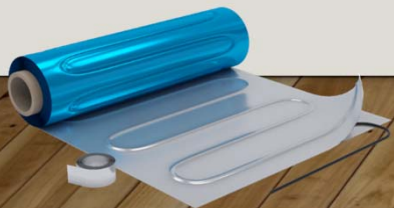
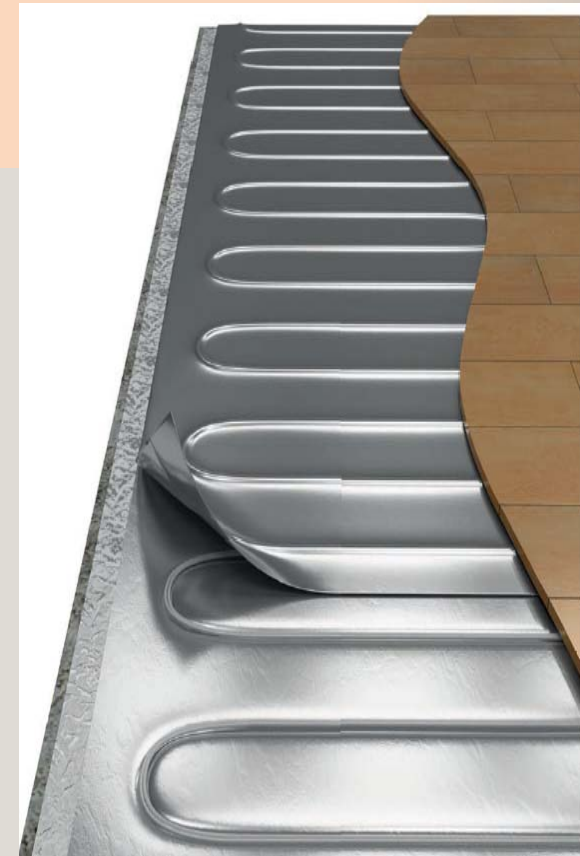
Parquet



Linoleum



Carpeting





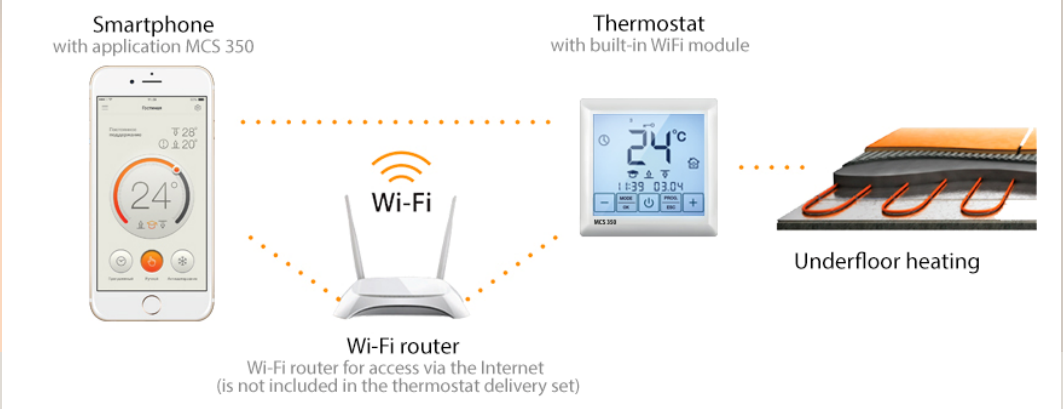
# THERMOSTATS PRODUCT RANGE

## ➤ Programmable:

- ✓ MSC 350 - WiFi Smartphone Controlled
- ✓ SE 200 – Touch Screen
- ✓ Warmstad 520 AIR. Heat Saver

## ➤ Reliable and Versatile:

- ✓ Warmstad 515. Master of Heat Precision
- ✓ Warmstad 510. Heat Management Classic



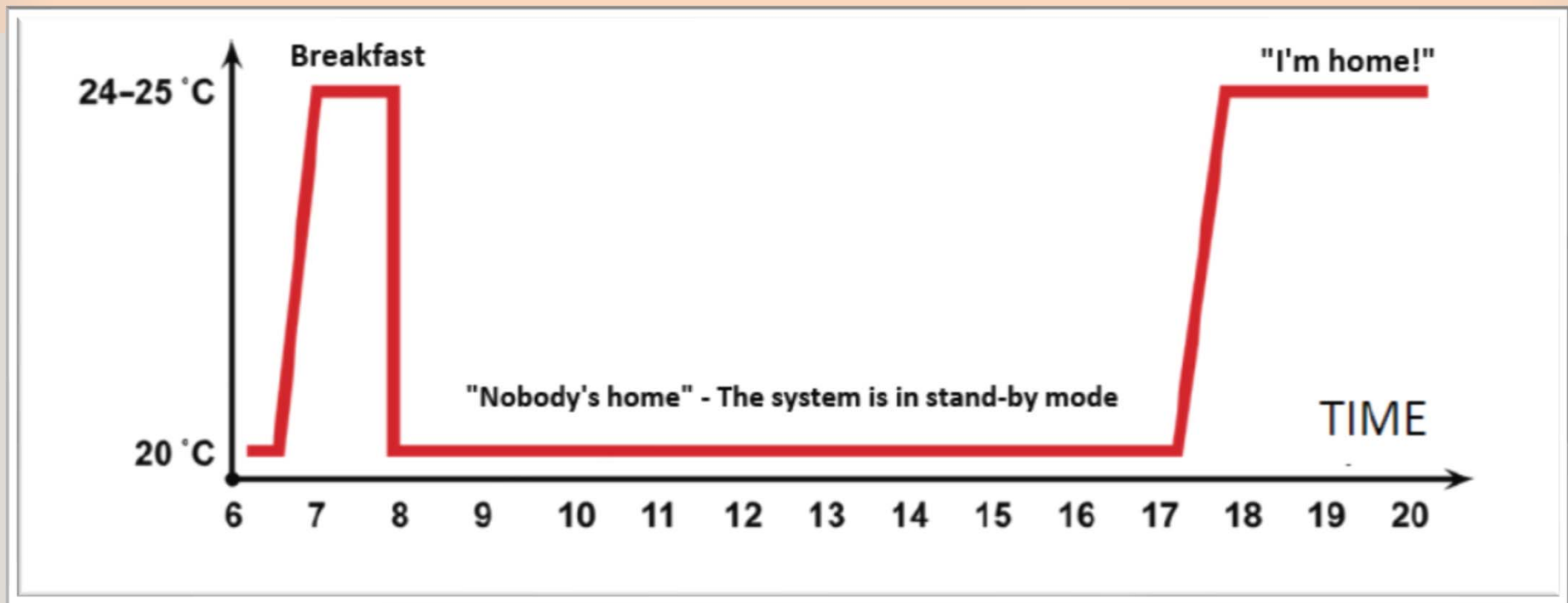




# THERMOSTATS SPECIFICATIONS

	MCS 350	SE 200	TP 520 AIR	TP515	TP 510
<b>Power Supply Voltage</b>	230VAC				
<b>Maximum Load Current, A</b>	16 A				
<b>Power Consumption, W</b>	5	0.45	0.45	0.45	0.45
<b>Programmable</b>	4 events/7 days	4 events/7 days	4 events/7 days	-	-
<b>Weight, g</b>	160	160	110	110	100
<b>Dimensions, mm</b>	90×90×40	90×90×40	86×86×42	86×86×42	86×88×36
<b>Safety Rating</b>	IP21	IP21	IP21	IP21	IP21
<b>Safety Class</b>	II	II	II	II	II
<b>Remote Floor Temperature Sensor, kOhm</b>	6.8; 10; 12; 15; 33; 47	6.8	6.8; 10; 12; 15; 33; 47	6.8; 10; 12; 15; 33; 47	6.8
<b>Sensor Cold Lead Length</b>	2 m	2 m	2 m	2 m	2 m
<b>Warranty</b>	2 years				
<b>Settings Memory w/o Power</b>	12 months	12 months	10 years	10 years	-

# PROGRAMMABLE THERMOSTATS' POWER SAVING PRINCIPLE





# EXPRESS UNDER-CARPET HEATER

- ✓ Safe and reliable heater
- ✓ Suitable for all types of premises and flooring
- ✓ Portable, easy to clean

## PRODUCT SPECIFICATION

Dimensions, m	2.0x1.4	2.8x1.8
Area, m <sup>2</sup>	2.8	5.04
Power, W	330	610
Surface Temperature, °C	30	
Power Supply Voltage	230 VAC	
Protection Class / Protection Rating	II / IPX7	
Cold Lead Length, m	2.5	
Warranty	2 years	







# HEATING CARPET

- ✓ Delicate shoe drying and feet warming
- ✓ Can be used for simultaneous drying of up to 5 pairs of shoes
- ✓ Compact and portable

## PRODUCT SPECIFICATION

Dimensions, cm	80x50	90x60
Area, m <sup>2</sup>	0.4	0.54
Power, W	70	
Surface Temperature, °C	35-40	
Power Supply Voltage	230 VAC	
Protection Class / Protection Rating	I / IP67	
Cold Lead Length, m	1.8	
Warranty	2 years	





# FLORA TOWEL HEATER

- ✓ Up to 40% more efficient than metal towel rails
- ✓ Independent from water supply, heating or plumbing
- ✓ 16 design styles

## PRODUCT SPECIFICATION

Dimensions, cm	60x60	90x60
Area, m <sup>2</sup>	0.36	0.54
Power, W	160	260
Weight with rails, kg	5.2	10.5
Surface Temperature, °C	65-75	
Power Supply Voltage	230 VAC	
Protection Class / Protection Rating	II / IP44	
Cold Lead Length, m	2	
Warranty	2 years	





# MIRROR DE-MISTER

- ✓ Adhesive film for easy instant installation
- ✓ Equipped with heat insulation
- ✓ Can be plugged into the mirror's backlight or main power system

## PRODUCT SPECIFICATION

Dimensions, cm	50x42	50x60
Area, m <sup>2</sup>	0.21	0.3
Power, W	35	50
Surface Temperature, °C	18-30	
Power Supply Voltage	230 VAC	
Protection Class / Protection Rating	I / IPX4	
Cold Lead Length, m	1.5	
Warranty	2 years	







# DR. DRYMAN MOISTURE DESICCANT

- ✓ Eliminates dampness which causes mold and mildew formation
- ✓ Creates comfortable and healthy microclimate
- ✓ Does not occupy valuable life space and is interior neutral
- ✓ High efficiency and effectiveness

## PRODUCT SPECIFICATION

Dimensions, cm	10x25	10x40	10x65
Area, m <sup>2</sup>	0.25	0.4	0.6
Power, W	75	125	195
Power Supply Voltage	230 VAC		
Cold Lead Length, m	1.5		





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Thank You  
for Your  
Attention!

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