

warmteck

Universal

Warmteck's Universal XLPE Electrical Mats & Cables



FG-Mat



Single Mat



Single Cable



FS-Aluminium Mat



FG-Sticky Mat



Twin Mat



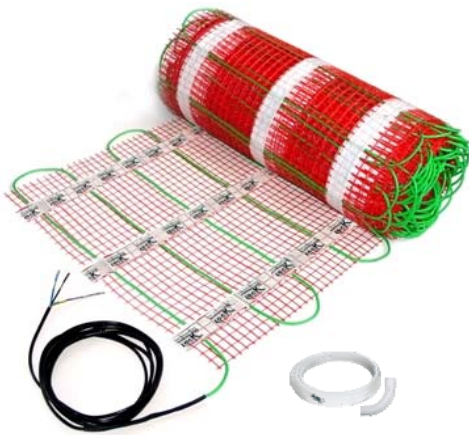
Twin Cable



Aluminium Mat
Single/S

FWM 2 S 1-593 DOMOTECK FG-Mat

- Perfect for renovation due to minimum elevation of floor
- Optimal heat distribution
- Maintenance free



- The FG-Mat is suitable for both renovation and new construction projects.
- The FG- Mat is designed to be installed directly below tiles, natural stone and to be integrated into the tile glue.
- When using other floor coverings such as: Parquet, laminate, linoleum or carpets, the mat must be integrated into a 10mm layer of self-aligned concrete.
- The FG Mat is available in four outputs at widths of 0.50m: **80W/m² ,120W/m² ,150W/m² ,200W/m²**

TECHNICAL DATA:

Output mat	80W/m ²	120W/m ²	150W/m ²	200W/m ²
Output cable	6.5W/lm	9.6W/lm	12W/lm	16W/lm
Voltage	~230V			
Last layer of cable	PVC			
Thickness of mat/wire	~3.3mm			
Protection class/means	I + 30mA RCD			
Connection	One side connection			
Net color	Red			
Base material	Fiberglass			
Cable color	Green			
Space between heating wires	8cm			
Supply lead length	4.0m			

WARMTECK'S WARRANTY POLICY

Domoteck's products are guaranteed by a 10-year Limited Product Warranty, and are designed to safely operate in accordance to the life-span of the application in which they are installed.

FWM 2 S 1-592 DOMOTECK FG-Sticky Mat

- No fuss - easy installation
- Self adhesive base material
- Perfect for renovation due to minimum elevation of floor
- Energy efficient
- Maintenance free



- The FG-Sticky Mat is an easy to install product due to its adhesive base material and sticky strips, just roll out onto a the prepared sub floor and press into place.
- Suitable for both renovation and new construction.
- The FG- Mat is designed to be installed directly below tiles, natural stone and integrated into the tile glue.
- When using other floor coverings such as: Parquet, laminate, linoleum or carpets, the mat must be integrated into a 10mm layer of self-aligned concrete.
- The FG Sticky Mat is available in:
Four outputs: **80W/m², 120W/m², 150W/m², 200W/m²**
One width: **0.50m**

TECHNICAL DATA:

Output mat	80W/m ²	120W/m ²	150W/m ²	200W/m ²
Output cable	6.5W/lm	9.6W/lm	12W/lm	16W/lm
Voltage	~230V			
Last layer of cable	PVC			
Thickness of mat/wire	~3.3mm			
Protection class/means	I + 30mA RCD			
Connection	One side connection			
Net color	Red			
Base material	Fiberglass Sticky			
Cable color	Green			
Space between heating wires	8cm			
Supply lead length	4.0m			

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FFM 1 B 2-750 DOMOTECK Single-Mat

- Perfect for integration on to the sub floor
- construction
- Due to IVC gives an optimal



- The Single Mat is a universal floor warming/heating system ideal for most projects especially wet locations due to its IVC Connection ("Invisible connection").
- Designed with absorbent textile strips into which the cable is woven and evenly spaced, as a result even heat distribution.
- The Single Mat is manufactured with a distinctive safety feature, IVC ("Invisible connection"). The cable is jacketed within a protective insulating tube in which the connection point between the supply lead and cable, is braided and extruded as such water proof.
- For installation directly under tiles and natural stone to be integrated into the tile glue.
- When using other floor coverings such as: Parquet, laminate, linoleum or carpets, the mat must be integrated into a 20mm layer of self-aligned concrete.
- Available in two outputs at widths of 0.50m
 - **100W/m²** - For installation on wooden constructions under soft coverings.
 - **170W/m²** - For installation on concrete sub floors under tiles or natural stone.

TECHNICAL DATA:

Output mat	100W/m ²	170W/m ²
Output cable	10W/lm	17W/lm
Voltage	~230V	
First Layer of insulation	XLPE	
Outer insulation	PVC	
Thickness of the mat wire	~4.3mm	
Protection class/means	I + 30mA RCD	
Connection	Two side connection IVC	
Base material	Textile strips	
Net color	Red	
Cable color	Green	
Space between heating wires	10cm	
Supply lead length	2 x 4m	

WARMTECK'S WARRANTY POLICY

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FFC 1 B 2-672 DOMOTECK Single-Cable

- Perfect for integration on to the sub floor construction
- Due to IVC gives an optimal level of safety
- Optimal customization
- Energy efficient
- Maintenance free



- The Single Cable is manufactured with a distinctive safety feature, IVC ("Invisible connection"). The cable is jacketed within a protective insulating tube in which the connection point between the supply lead and cable is braided and extruded enabling it to be water proof.
- The Single cable is ideal for complicated and hard to reach areas.
- Perfect for projects in wet locations due to its IVC connection feature.
- Designed to be installed directly under tiles, natural stone and to be integrated into the tile glue.
- When using other floor coverings such as: Wooden floors, linoleum or carpets, the mat must be integrated into a 20mm layer of self-aligned concrete.
- The Single cable is fixed to the sub floor with either adhesive tape, metal or plastic anchoring means. We have a variety of anchoring means available.
- Available in two outputs:
 - 10W/lm** - For installation on wooden constructions under soft coverings.
 - 17W/lm** - For installation on concrete sub floors under tiles or natural stone.

TECHNICAL DATA:

Output cable	10W/lm	17W/lm
Voltage	~230V	
First layer of insulation	XLPE	
Outer insulation	PVC	
Thickness of wire	~4.3mm	
Protection class/means	I + 30mA RCD	
Connection	Two side connection IVC	
Cable color	Green	
Supply lead length	2 x 4.0m	

WARMTECK'S WARRANTY POLICY

Domoteck's products are guaranteed by a 10-year Limited Product Warranty, and are designed to safely operate in accordance to the life-span of the application in which they are installed.

FFM 2 B 2-751 DOMOTECK Twin-Mat

- Perfect for integration on to the sub floor construction
- Optimal heat distribution
- Maintenance free



- The Twin Mat is a universal floor warming/heating system ideal for most projects whether it be for just warming small areas or delivering heat to large spaces.
- Designed with absorbent textile strips into which the cable is woven and evenly spaced, as a result even heat distribution.
- Manufactured with a twin conductor (one point connection to the electric system) providing you with an easy to install product.
- To be connected to the main power through an RCD (30mAmps). This not only protects the warming element but at the same time increases personal safety.
- The Twin Mat is designed to be installed directly under tiles and natural stone, to be integrated into the tile glue.
- When using other floor coverings such as: Parquet, laminate, linoleum or carpets, the mat must be integrated into a 20mm layer of self-aligned concrete.
- Available in two outputs at widths of 0.50m
 - **100W/m²** - For installation on wooden constructions under soft coverings.
 - **170W/m²** - For installation on concrete sub floors under tiles or natural stone.

TECHNICAL DATA:

Output mat	100W/m ²	170W/m ²
Output cable	10W/lm	17W/lm
Voltage	~230V	
First layer of insulation	XLPE	
Outer insulation	PVC	
Thickness of the mat wire	~4.5mm	
Protection class/means	I + 30mA RCD	
Connection	One side connection	
Base material	Textile strips	
Net color	Red	
Cable color	Green	
Space between heating wires	10.0cm	
Supply lead length	4.0m	

WARMTECK'S WARRANTY POLICY

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FFC 2 B 2-674 DOMOTECK Twin-Cable

- Ideal for an economical heating project!
- Perfect for integration on to the sub floor
- Optimal customization
- Energy efficient
- Maintenance free



- The thickness of the Twin Cable allows it to be utilized for both warming or heating projects. An easy to install product for complicated layouts.
- Manufactured with a twin conductor (one point connection to the electric system).
- Designed to be installed directly below tiles and natural stone, to be integrated into the tile glue.
- When using other floor coverings such as: Parquet, laminate, linoleum or carpets, the mat must be integrated into a 20mm layer of self-aligned concrete.
- The Twin cable is fixed to the sub floor with either adhesive tape, metal or plastic anchoring means. We have a variety of anchoring means available.
- Available in two outputs:
 - **10W/lm** - For installation on wooden constructions under soft coverings.
 - **17W/lm** - For installation on concrete sub floors under tiles or natural stone.

TECHNICAL DATA:

Output cable	10W/lm 17W/lm
Voltage	~230V
First layer of insulation	XLPE
Outer insulation	PVC
Thickness of wire	~4.5mm
Protection class/means	1 + 30mA RCD
Connection	One side connection
Cable color	Green
Supply lead length	4.0m

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FWM 1 N 1-510 DOMOTECK FS-Aluminium Mat

- Perfect heat distribution
- Directly under wooden floors



- The FS Aluminium Mat is specially designed as a fix sized mat to simplify the planning and installation process – for both installers & DIY alike.
- Perfect heat distribution due to the aluminium foil.
- Recommended for under: Wooden floors.
- The FS Aluminium Mat must be connected to the main electric box through an RCD (30mAmps) which not only protects the warming element but also increases personal safety.
- To enable easier installation the FS Aluminium Mat has a single cable, assembled with a one point connection to the electrical wiring system of the building.
- The Fixed Size Aluminium Mat is available in:
Two outputs: **100W/m² ,150W/m²**
Fix size width: **0.50m**

TECHNICAL DATA:

Heat output (mat)	100W/m ² 150W/m ²
Heat output (cable)	5W/lm 7.5W/lm
Voltage	~230V
Cable insulation	PA
Thickness of mat wire	~1.6mm
Protection class/means	1 / 30mA RCD + aluminium foil
Connection	One side connection
Base material	Textile + aluminium foil
Net color	White
Cable color	Transparent
Space between heating wires	4.0cm
Supply lead length	3.0m

WARMTECK'S WARRANTY POLICY

Domotek's products are guaranteed by a 10-year Limited Product Warranty, and are designed to safely operate in accordance to the life-span of the application in which they are installed.

FWM 1 S 1-531 DOMOTECK Aluminium Mat-Single/S

- Perfect heat distribution
- Directly under wooden floors



- The Aluminium Mat-Single/S is a special floor warming element designed for dry installation under wooden flooring.
- Can be installed over any existing hard flooring surface, such as tiles, self-aligned concrete, stone etc.
- Suitable for under: Parquet & Laminate.
- The cable of the Aluminium Mat-Single/S is screened meaning the electrical wire is doubly insulated to withstand 4,000V, plus the copper wires are wrapped around a double insulated heating wire which becomes a sensor activating the RCD/GFCI in case of mechanical or thermal malfunctions.
- Perfect heat distribution due to aluminium foil.
- No fuss - dry installation.
- The Aluminium Mat-Single/S is available in one output: **150W/m²** at a width of **0.50m**

TECHNICAL DATA:

Heat output (mat)	150W/m ²
Heat output (cable)	7.5W/lm
Voltage	~230V
Cable insulation	Screened
Thickness of mat wire	~ 1.8mm
Protection class/means	1 + 30mA RCD
Connection	Two side connection
Base material	White textile + aluminum foil
Net color	White
Cable color	Silver
Space between heating wires	5.0 cm
Supply lead length	2 x 4m + earthing wires

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