



Electric Underfloor Heating

Heating Mats



MAXIMUM COMFORT

Turns the entire floor into a comfortable radiant surface. Provides homogeneous and constant heat throughout the room. Totally silent, it does not change the hygrometry of the room and minimizes the circulation of dust particles or allergens.

HIGH EFFICIENCY

It ensures an ideal distribution of temperatures and optimises energy consumption thanks to heat transmission by radiation. It is a highly reactive heating system with independent room control that allows heating only when needed.

VERSATILE AND EASY TO INSTALL

It is ideal for both renovation and new construction. With a thickness of 4-5 mm, it can be embedded in tile adhesive or self-levelling cement, even on top of an existing floor. Separate installation per room allows installation in partial renovations.



MAXIMUM RELIABILITY AND DURABILITY

The heating mat is guaranteed for life (under the stipulated conditions of installation and use). No maintenance is required.

AESTHETIC

The system is integrated into the floor, leaving all the walls available for interior design. Without the need for boilers or other devices (pipes, ducts, valves, etc...), it allows a maximum use of space.

SAFE

It does not consume oxygen, nor generate fumes. No risk of fire neither leak.

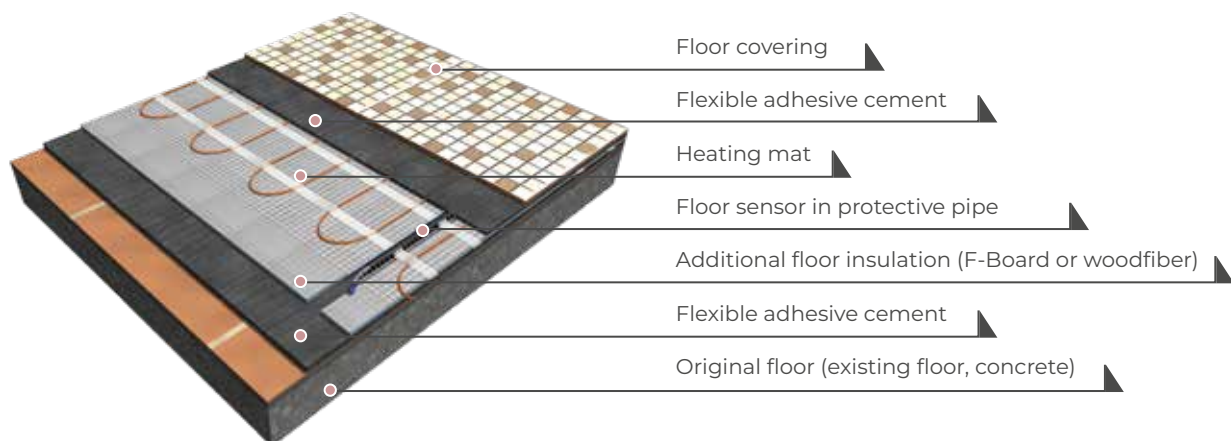
INSTALLATION

-  **MAXIMUM COMFORT**
-  **EFFICIENT AND ECONOMICAL**
-  **EASY TO INSTALL**
-  **LONG LIFE SPAN**
-  **AESTHETIC**
-  **SAFE**



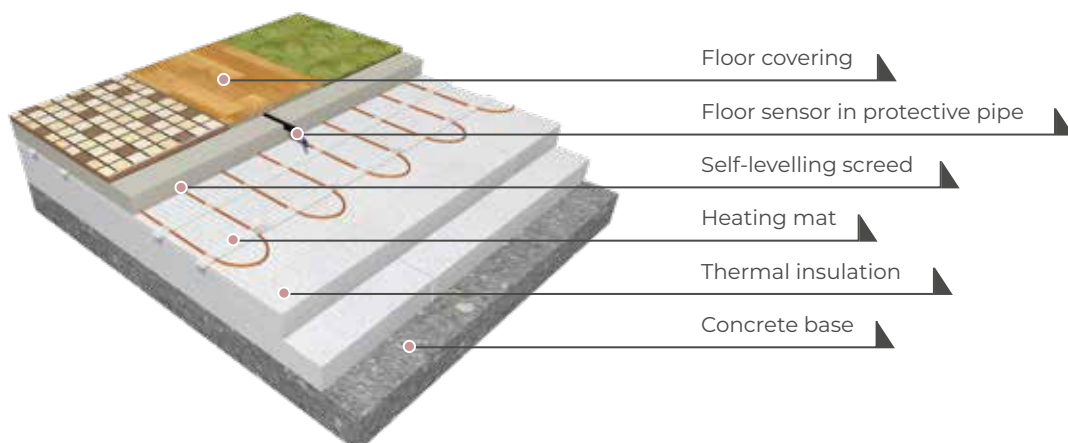
DIRECT HEATING SYSTEM: Renovation · Installation on existing floor

The electric underfloor heating system is installed in a reduced thickness (< 1.5-2 cm). The heating element is directly embedded in the flexible tile adhesive on top of a specific thin insulation (6-10 mm). With low thermal inertia, the system reaches quickly the set-up temperature and is ideal for bathrooms, rooms where heating operates for specific time intervals (Mediterranean climate) or second residences.



SEMI STORAGE HEATING SYSTEM: New construction or large renovation

With more thickness available, the efficiency of the system can be improved with a greater thickness of insulation (typically 3-5 cm). The heating mat will be covered with a self-levelling cement (between 2-5 cm) on which any type of floor covering can be laid. The system will have a higher inertia, ideal for colder climate zones, primary residences or if you want to accumulate heat during sunshine hours (combination with solar energy).



HEATING MAT REFERENCES

180W/m²

MAT ADPSZV • 180W/m² • Width 25 cm • Spacing 8 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 775 17	130 W	2,9	0,72
64 775 21	160 W	3,6	0,9
64 775 25	220 W	4,85	1,21
64 775 29	280 W	5,95	1,49
64 775 33	360 W	7,95	1,99
64 775 37	440 W	9,45	2,36
64 775 41	520 W	11,1	2,78
64775 49	610 W	13,7	3,43
64775 53	690 W	15,5	3,88

Especially suitable for bathrooms.

150W/m²

MAT ADPSZV • 150W/m² • Width 25 cm • Spacing 8 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 774 21	150 W	3,8	0,95
64 774 25	200 W	5,3	1,33
64 774 29	250 W	6,65	1,66
64 774 33	320 W	8,95	2,24
64 774 37	400 W	10,35	2,59
64 774 41	480 W	12	3

Especially suitable for bathrooms.

MAT ADPSZV • 150W/m² • Width 50 cm • Spacing 8 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 784 41	490 W	6,45	3,23
64 784 49	580 W	7,85	3,93
64 784 53	670 W	8,7	4,35
64 784 61	820 W	11,05	5,53
64 784 69	980 W	13,1	6,55
64 784 73	1200 W	16,25	8,13
64 784 77	1420 W	18,6	9,3
64784 81	1760 W	23,3	11,65

Especially suitable for large bathrooms.

120W/m²

MAT ADPSZV • 120W/m² • Width 25 cm • Spacing 8 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 773 21	130 W	4,35	1,09
64 773 25	180 W	5,95	1,49
64 773 29	220 W	7,55	1,89
64 773 33	290 W	9,9	2,48
64 773 37	350 W	11,85	2,96
64 773 41	420 W	13,75	3,44

Standard range for usual living spaces.

MAT ADPSZV • 120W/m² • Width 50 cm • Spacing 8 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 783 49	520 W	8,7	4,35
64 783 53	600 W	9,75	4,88
64 783 61	740 W	12,3	6,15
64 783 69	880 W	14,5	7,25
64 783 73	1070 W	18,3	9,15
64 783 77	1260 W	21,05	10,53
64 783 81	1570 W	26,15	13,08

Standard range for usual living spaces.

100W/m²

MAT ADPSZV • 100W/m² • Width 25 cm • Spacing 8 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 772 21	120 W	4,75	1,19
64 772 25	160 W	6,65	1,66
64 772 29	210 W	7,9	1,98
64 772 33	270 W	10,7	2,68
64 772 37	330 W	12,55	3,14
64 772 41	390 W	14,75	3,69

Especially suitable for well insulated houses.

MAT ADPSZV • 100W/m² • Width 50 cm • Spacing 8 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 782 49	480 W	9,6	4,8
64 782 53	540 W	10,85	5,43
64 782 61	680 W	13,4	6,7
64 782 69	820 W	15,6	7,8
64 782 73	980 W	19,95	9,98
64 782 77	1150 W	23	11,5
64 782 81	1430 W	28,75	14,38

Especially suitable for well insulated houses.

115W/m²

MAT ADPSZV • 115W/m² • Width 70 cm • Spacing 18 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 951 21	190 W	2,5	1,75
64 951 25	260 W	3,4	2,38
64 951 29	325 W	4,15	2,91
64 951 33	425 W	5,4	3,78
64 951 37	510 W	6,45	4,52
64 951 41	600 W	7,7	5,39
64 951 45	685 W	8,8	6,16
64 951 49	725 W	9,15	6,41
64 951 53	820 W	10,4	7,28
64 951 57	925 W	11,65	8,16
64 951 61	1025 W	12,9	9,03
64 951 69	1220 W	15,2	10,64
64 951 73	1500 W	18,8	13,16
64 951 77	1750 W	21,85	15,3
64 951 81	2180 W	27,2	19,04
64 951 85	2640 W	33,1	23,2

Especially suitable for new construction and large renovation – Semi-storage system.

85W/m²

MAT ADPSZV • 85W/m² • Width 70 cm • Spacing 12 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 751 21	140 W	2,4	1,68
64 751 25	195W	3,25	2,28
64 751 29	240 W	4,05	2,84
64 751 33	320 W	5,35	3,75
64 751 37	385 W	6,45	4,52
64 751 41	450 W	7,55	5,29
64 751 49	540 W	9,1	6,37
64 751 53	610 W	10,3	7,21
64 751 57	690 W	11,6	8,12
64 751 61	770 W	12,9	9,03
64 751 69	910 W	15,3	10,71
64 751 73	1120 W	18,8	13,16
64 751 77	1310 W	22	15,4
64 751 81	1630 W	27,5	19,25
64 751 85	1970 W	33,1	23,2

Especially suitable for renovation in low energy houses.

60W/m²

MAT ADPSZV • 60W/m² • Width 70 cm • Spacing 18 cm

Code	Output 230 V	Mat length (m)	Surface (m ²)
64 956 17	115 W	2,6	1,82
64 956 21	140 W	3,25	2,28
64 956 25	195 W	4,45	3,12
64 956 29	240 W	5,6	3,92
64 956 33	320 W	7,25	5,08
64 956 37	385 W	8,7	6,09
64 956 41	450 W	10,3	7,21
64 956 49	540 W	12,4	8,68
64 956 53	610 W	14,1	9,87
64 956 57	690 W	15,9	11,13
64 956 61	770 W	17,4	12,18
64 956 69	910 W	20,7	14,49
64 956 73	1120 W	25,6	17,92
64 956 77	1310 W	29,7	20,79
64 956 81	1630 W	37	25,9
64 956 85	1970 W	45	31,5

Especially suitable for passive or low energy houses.

ACCESSORIES

Product	Code
Thermal insulation XPS 6 mm (1200x600 mm) – 6 plates – 4,32m ²	09 022 02
Thermal insulation XPS 10 mm (1200x600 mm) – 6 plates– 4,32m ²	09 023 02
Woodfiber thermal insulation 8 mm (1200x600 mm) – 15 plates– 10,8 m ²	09 029 01
Side band (50 m roll)	09 027 01
Conduit pipe for sensor (2,5 m)	01 812 01

REGULATION

Product	Code
WiFi TFT Thermostat White	09 132 01
WiFi TFT Thermostat Black	09 132 02
Touch screen thermostat TFT White	09 126 01
Touch screen thermostat TFT Black	09 126 02
Touch screen thermostat TFT Silver	09 126 03

For an optimal use of the underfloor heating. Large touch screen with user friendly interface.



Installation video

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