



Electric Underfloor Heating Heating Cable



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 cable 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.

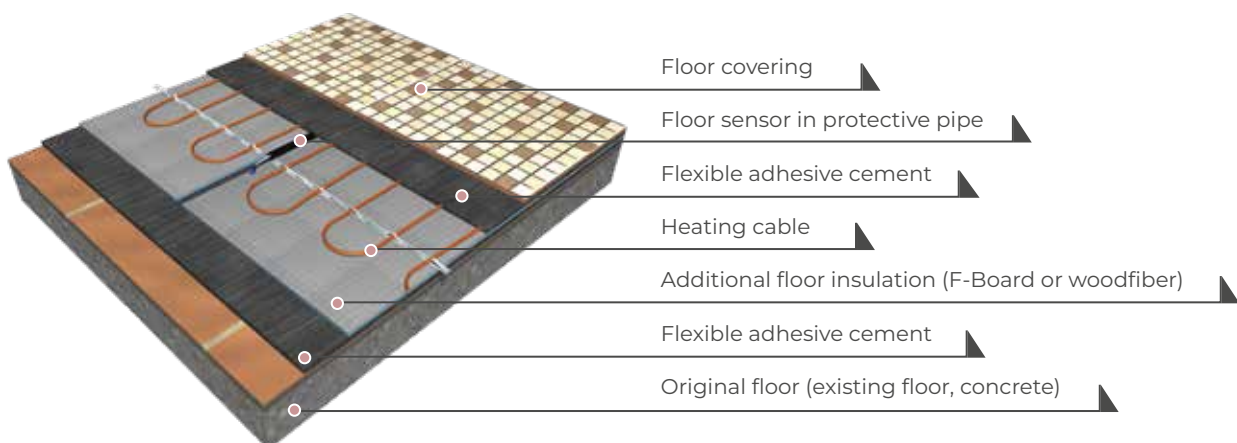
INSTALLATION

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



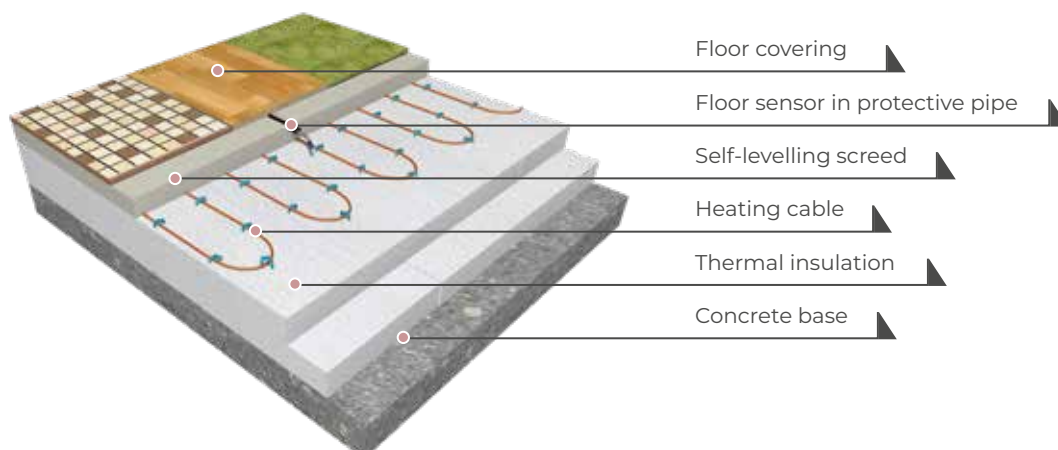
DIRECT HEATING SYSTEM: Renovation / Installation on existing floor

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 cable 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 CABLES REFERENCES

CABLE ADPSZV • 10W/m

Code	Output 230 V	Length (m)
64 604 17	116 W	11,4
64 604 21	142 W	14,3
64 604 25	195 W	19,4
64 604 29	240 W	24,5
64 604 33	320 W	31,8
64 604 37	385 W	38,2
64 604 41	450 W	45,2
64 604 45	515 W	51,4
64 604 49	540 W	54,4
64 604 53	610 W	61,9
64 604 57	690 W	69,7
64 604 61	770 W	76,3
64 604 69	910 W	90,8
64 604 73	1120 W	112,5
64 604 77	1310 W	130,3
64 604 81	1630 W	162,3
64 604 85	1970 W	197,4

Standard range for low energy houses.

CABLE ADPSZV • 15 W/m

Code	Output 230 V	Length (m)
64 606 17	140 W	9,5
64 606 21	175 W	11,6
64 606 25	240 W	15,7
64 606 29	295 W	19,9
64 606 33	390 W	26,1
64 606 37	470 W	31,3
64 606 41	550 W	37
64 606 45	630 W	42
64 606 49	665 W	44,2
64 606 53	755 W	50
64 606 57	850 W	56,6
64 606 61	940 W	62,5
64 606 69	1115 W	74,1
64 606 71	1235 W	82,4
64 606 73	1375 W	91,6
64 606 77	1600 W	106,7
64 606 79	1750 W	116,5
64 606 81	2000 W	132,3
64 606 84	2225 W	148,5
64 606 85	2400 W	162,1

Standard range for direct heating systems.

CABLE ADPSZV • 17,9 W/m

Code	Output 230 V	Length (m)
64 618 09	125W	7
64 618 17	155 W	8,6
64 618 21	190 W	10,7
64 618 25	260 W	14,5
64 618 29	325 W	18,1
64 618 33	425 W	23,9
64 618 37	510 W	28,7
64 618 41	600 W	33,9
64 618 45	685 W	38,7
64 618 49	725 W	40,5
64 618 53	820 W	46
64 618 57	925 W	52
64 618 61	1025 W	57,3
64 618 69	1220 W	67,9
64 618 71	1350 W	75,4
64 618 73	1500 W	84
64 618 77	1750 W	97,5
64 618 79	1910 W	106,5
64 618 81	2180 W	121,3
64 618 84	2430 W	136,1
64 618 85	2640 W	147,4

Standard range for bathrooms or semi storage heating systems.

SURFACE OUTPUT INSTALLED DEPENDING ON THE C-C SPACING AND RANGE OF CABLE

C-C spacing	Cable 10W/m	Cable 15W/m	Cable 17,9W/m
8 cm	125 W/m²	190 W/m²	225 W/m ²
10 cm	100 W/m²	150 W/m²	180 W/m²
12 cm	85 W/m²	125 W/m²	150 W/m²
15 cm	65 W/m ²	100 W/m²	115 W/m²
18 cm	55 W/m ²	85 W/m ²	100 W/m²

RECOMMENDED INSTALLATIONS.

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
Plastic fixing strip (10 m - 20 units of 0,5 m)	09 028 01
Metallic fixing strip (10 m roll)	09 004 01
Aluminium adhesive tape (50 m roll)	09 108 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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