



warm
floor™

To keep warm

Intelligent floor heating

A comprehensive system with high standard guarantee from one company
The brand **warm floor™** is a consortium of renowned manufacturing enterprises



Floor heating for houses, apartments,
poly-functional complexes, hotels...





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Intelligent floor heating as the only and primary heat source:

Convenient for houses, apartments, poly-functional complexes, hotels...

Electrical under-floor cable heating distributes heat from the floor. That's why we can have the temperature by 2-3 °C lower, while keeping the same comfort. This lower temperature will result in 15 % lower operating costs compared with other heating systems.

The system is regulated by **intelligent thermostats**, that provide the heat right at that time when you need it. Weekly programme arranges the comfortable and saving temperature adjusted as you wish.

Benefits:

- Economic heating is controlled by precise regulation
- Maintenance-free system = no bills for extra service
- Comfortable and cosy living thanks to pleasant feeling of heat
- The system is convenient for any design, because it is invisible
- The temperature of individual rooms is set to meet specific request

Basic technical data:

Resistance heating cables with the output of 10 or 20 W/m

SPECIALITY: Intelligent heating cable is self-regulating according to the floor temperature with the output of 5-15 W/m

The heating can be fitted under any type of flooring. It means wood, laminate, and ceramic, with carpet...

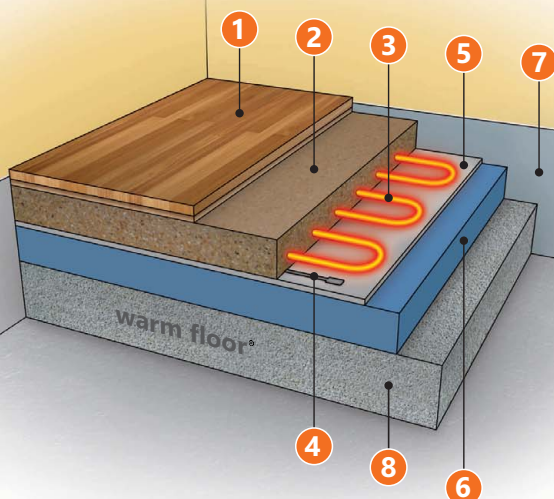


The flooring suitable for floor heating has this international mark.



◀ The floor composition and heating cable installation:

- 1) Flooring: wood, tiles, carpet...
- 2) Concrete or anhydrite, cast floor of min. 4 cm
- 3) Intelligent or resistance heating cables
- 4) Floor temperature sensor from thermostat
- 5) Attention! Suitable aluminium foil
- 6) Suitable insulation of 5-10 cm
- 7) Separation layer along the walls
- 8) Base subfloor layer





warm floor™



Based on long-term knowledge in the field, we recommend double-core heating cables **LineT20™** and **LineT10™** from a renowned manufacturer **with extended 22 year warranty.**

Line™ T20 (20 W/m, 230 V)
Double-core heating cables 30 W/m with braiding and 2.5 m cold lead (230 V).

Length (m)	Heat output (W)	Room area (m ²)	
		100 W/m ²	80 W/m ²
10	200	2.0	2.5
15	300	3.0	3.8
20	400	4.0	5.0
25	500	5.0	6.3
30	600	6.0	7.5
35	700	7.0	8.8
42,5	850	8.5	10.6
50	1000	10.0	12.5
60	1200	12.0	15.0
70	1400	14.0	17.5
80	1600	16.0	20.0
90	1800	18.0	22.5
100	2000	20.0	25.0
110	2200	22.0	27.5
120	2400	24.0	30.0
130	2600	26.0	32.5
160	3200	32.0	40.0

Line™ T10 (10 W/m, 230 V)
Double-core heating cables 30 W/m with braiding and 2.5 m cold lead (230 V).
SUITABLE FOR PASSIVE HOUSES!

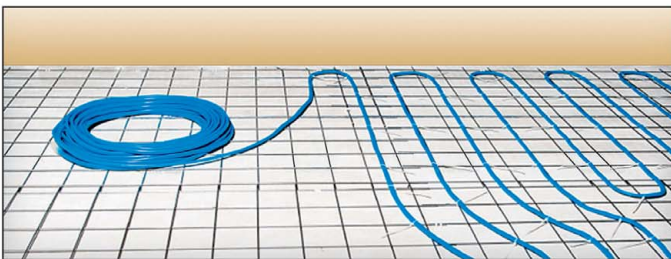
Length (m)	Heat output (W)	Room area (m ²)	
		100 W/m ²	80 W/m ²
10	100	1.0	1.3
20	200	2.0	2.5
28	300	2.0	3.8
41	400	4.0	5.0
50	500	5.0	6.3
57	600	6.0	7.5
70	700	7.0	8.8
81	800	8.0	10.0
90	900	9.0	11.3
100	1000	10.0	12.5
129	1250	12.5	15.6
140	1400	14.0	17.5
160	1600	16.0	20.0
180	1800	18.0	22.5
200	2000	20.0	25.0
240	2400	24.0	30.0
280	2800	28.0	35.0

SPECIALITY:
Aluminium mat for dry installation under floating floor
(double-core, Teflon)

Order code	Area (m ²)	Output (W)
AL Net™T80-3m ²	3	240
AL Net™T80-4m ²	4	320
AL Net™T80-5m ²	5	400
AL Net™T80-6m ²	6	480
AL Net™T80-7m ²	7	560
AL Net™T80-8m ²	8	640
AL Net™T80-9m ²	9	720
AL Net™T80-10m ²	10	800
AL Net™T80-12m ²	12	960

AL heating mat advantages:

- **Dry and quick installation** under laminate and wooden floors
- **Extremely easy** and suitable for floor layers and floors of wood constructions
- **Ideal for reconstruction** - minimum height of only **2 mm**, or 12 mm including the insulation



Installation distance of the cables in cm is = (Net room area / selected cable length)* 100; Net area of the room is the area where the cable is installed, and it is without the areas under the bath tub, kitchen unit, etc.

To fix the cable to the floor, use installation strip for quick installation or plastic clips in application of cast floor - anhydrite

Minimum energy consumption is arranged by the latest touch screen thermostats or central control from your mobile or tablet:

Electronic programmable thermostats contain room sensor that keep the required temperature, and floor sensor that guards the maximum floor temperature according to the health standard. They are also **precise guardians of their owner's wallet.**

We are experts for healthy life style; therefore contact our specialist as for the current suggestion of floor heating and suitable thermostat.

Our touch screen thermostats now with Wi-Fi option:





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Warm tiled floor:

Optional heating for refurbished or new bathrooms, kitchens...

Benefits:

- Warm waking up, because you walk on the warm floor.
- Invisible comfort: The system is covered under the floor.
- No need to dry the floor after using the bath, it will dry on its own.
- You will increase your life standard with minimum investment.
- Low consumption is comparable with a chandelier in the living room.

Basic technical data Net™T160:

Self-adhesive heating mats with the output of 160 W/m². Easy installation, as a Lego puzzle, according to the room

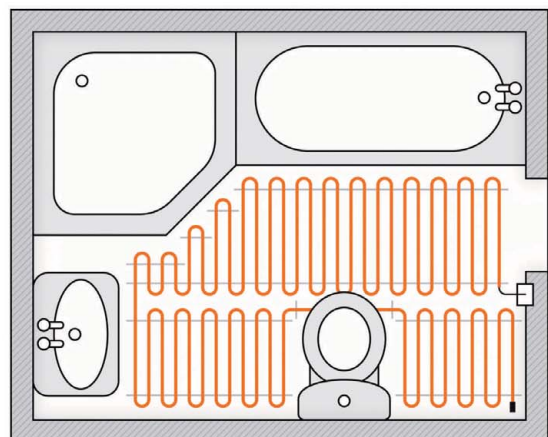
Under the heating mat, we recommend installation of a special, only 1 cm thick **insulation board IzolaNet™10**, that will increase the temperature onset speed by 100 % and decrease operating costs by 50 %.

Thin teflon double-core heating mats Net™T160 -160 W/m² for additional under-floor heating with **extended 22 year warranty**



Example - bathroom:

Measure the net area of the room and select the closest smaller mat with the output of 160 W/m².



- The mat must not be cut or shortened
- It is necessary to leave out the built-up areas such as under the washbasin, shower unit, bathtub...
- Use the thermostat at least with the floor sensor

Order code for teflon mats (width 0,5 m)	Area (m ²)	Heat output (W) 160 W/m ²
Net™ T160-1,0 m ²	1	160
Net™ T160-1,5 m ²	1.5	240
Net™ T160-2,0 m ²	2	320
Net™ T160-2,5 m ²	2.5	400
Net™ T160-3,0 m ²	3	480
Net™ T160-3,5 m ²	3.5	560
Net™ T160-4,0 m ²	4	640
Net™ T160-4,5 m ²	4.5	720
Net™ T160-5,0 m ²	5	800
Net™ T160-6,0 m ²	6	960
Net™ T160-7,0 m ²	7	1 120
Net™ T160-8,0 m ²	8	1 280
Net™ T160-9,0 m ²	9	1 440
Net™ T160-10,0 m ²	10	1 600
Net™ T160-12,0 m ²	12	1 920



Touch screen thermostat, backlit / intuitive control / weekly programme

Specialist's stamp of the brand **warm floor™**