

## Thermoflex Kit 500



Thermoflex Kit 500 is underfloor heating cable on self-adhesive mat that is easy to roll out. The kit includes the [EB-Therm 500](#) WiFi-ready thermostat. If you purchase the [EB-Connect WiFi](#) accessory, the underfloor heating can be controlled with the Ebeco Connect app or open API.

### Underfloor heating kit with WiFi-ready thermostat

Our underfloor heating concept [WiFi READY](#) is our way of making it easier for you the installer as well as for the customer. Thermoflex Kit 500 includes our new [EB-Therm 500](#) thermostat. It is WiFi-ready and after installing the [EB-Connect WiFi](#) accessory, the underfloor heating can be easily controlled with the Ebeco Connect app or via the open API.

Download the app for free here:



The energy saving programs in [EB-Therm 500](#) are individually adjustable and make extra energy efficient control possible. The thermostat has room and floor sensors plus a built-in countdown timer feature that shows when the underfloor heating can be started after securing with filler. The [EB-Therm 500](#) supports eight different sensor types and fits in the most common frame systems.

### Heating cable ready mounted on self-adhesive mat

The Thermoflex Kit heating cable is thin and only adds 4 mm in height. It is ready mounted on a self-adhesive mat, which is rolled out and fixed at the same time. Thanks to the fact that the heating cable is located with a fixed c/c distance, installation is quick and easy. The mat can also be both cut and angled as needed. Outer casing and connecting cable in halogen-free design.

Thermoflex Kit can be installed on top of existing floor structures, such as concrete, plasterboard or particle board and fixed with a thin layer of filler. Can be used on open, regular surfaces with few obstacles.

### Different effect for different spaces

We have taken into consideration those who will install the heating cable mat in, for example, basements or conservatories. These applications require a slightly higher effect. Therefore, the Thermoflex Kit 500 is available with effects 120 W/m<sup>2</sup> and 160 W/m<sup>2</sup>. Keep in mind, however, that Thermoflex 160 W/m<sup>2</sup> may only be laid on concrete surfaces.

Maximum power for different substrates:

- On concrete subflooring: 160 W/m<sup>2</sup>
- On flammable subflooring: 120 W/m<sup>2</sup>

### Insulation makes your underfloor heating extra efficient

Thermoflex Kit and [Thermo Board](#) insulation is a very successful combination. The board suits all surfaces and structures and prevents downward heat loss while providing an energy efficient underfloor heating.

## TECHNICAL INFORMATION:

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The kit includes: Heating cable mat, thermostat [EB-Therm 500](#), spiral tube

Subflooring	Concrete, plasterboard or chipboard
Floor material	Floor tiles, natural stone
Room type	Wet room, dry room
Output	120/160 W/m <sup>2</sup>
Cable diameter	c. 4 mm
Cold cable length	2.5 m
Cable type	2-wire with shielding
Cable cc-distance - prefitted	9 cm
Mesh	Alkaline resistant fibreglass mesh
Connection voltage	230 V
Lowest installation temp	Cable: -5 °C Tape: +18 °C
Approval	CE

\* Adhesion is reduced at low temperature.

[Read more about installation and warranties for our underfloor heating.](#)

## ARTICLETABLE:

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Thermoflex Kit 500 with EB-Therm 500  
120 W/m<sup>2</sup>

Item number	Total output	Output per m <sup>2</sup>	Width	Length	Area
8961100	150 W	120 W/m <sup>2</sup>	0,5 m	2,5 m	1,25 m <sup>2</sup>
8961101	200 W	120 W/m <sup>2</sup>	0,5 m	3,4 m	1,7 m <sup>2</sup>
8961102	250 W	120 W/m <sup>2</sup>	0,5 m	4,2 m	2,1 m <sup>2</sup>
8961103	340 W	120 W/m <sup>2</sup>	0,5 m	5,4 m	2,7 m <sup>2</sup>
8961104	410 W	120 W/m <sup>2</sup>	0,5 m	6,8 m	3,4 m <sup>2</sup>
8961105	480 W	120 W/m <sup>2</sup>	0,5 m	7,8 m	3,9 m <sup>2</sup>
8961106	530 W	120 W/m <sup>2</sup>	0,5 m	8,8 m	4,4 m <sup>2</sup>
8961107	640 W	120 W/m <sup>2</sup>	0,5 m	10,8 m	5,4 m <sup>2</sup>
8961108	780 W	120 W/m <sup>2</sup>	0,5 m	13,2 m	6,6 m <sup>2</sup>
8961109	940 W	120 W/m <sup>2</sup>	0,5 m	15,8 m	7,9 m <sup>2</sup>
8961110	1170 W	120 W/m <sup>2</sup>	0,5 m	19,2 m	9,8 m <sup>2</sup>
8961111	1380 W	120 W/m <sup>2</sup>	0,5 m	23 m	11,5 m <sup>2</sup>
8961112	1700 W	120 W/m <sup>2</sup>	0,5 m	28 m	14 m <sup>2</sup>

**SUPPLEMENTARY SET** - Buy a normal kit plus this when the biggest kit is insufficient. Thermostat not included.

8961113	1380 W	120 W/m <sup>2</sup>	0,5 m	23 m	11,5 m <sup>2</sup>
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**Thermoflex Kit 500 with EB-Therm 500**  
160 W/m<sup>2</sup>

Item number	Total output	Output per m <sup>2</sup>	Width	Length	Area
8961040	165 W	160 W/m <sup>2</sup>	0,5 m	2,0 m	1.0 m <sup>2</sup>
8961041	220 W	160 W/m <sup>2</sup>	0,5 m	2,8 m	1.4 m <sup>2</sup>
8961042	275 W	160 W/m <sup>2</sup>	0,5 m	3,4 m	1,7 m <sup>2</sup>
8961043	365 W	160 W/m <sup>2</sup>	0,5 m	4,4 m	2.2 m <sup>2</sup>
8961044	430 W	160 W/m <sup>2</sup>	0,5 m	5,4 m	2,7 m <sup>2</sup>
8961045	510 W	160 W/m <sup>2</sup>	0,5 m	6,4 m	3.2 m <sup>2</sup>
8961046	580 W	160 W/m <sup>2</sup>	0,5 m	7,2 m	3,6 m <sup>2</sup>
8961047	690 W	160 W/m <sup>2</sup>	0,5 m	8,8 m	4,4 m <sup>2</sup>
8961048	870 W	160 W/m <sup>2</sup>	0,5 m	10,8 m	5,4 m <sup>2</sup>
8961049	1030 W	160 W/m <sup>2</sup>	0,5 m	13 m	6,5 m <sup>2</sup>
8961050	1270 W	160 W/m <sup>2</sup>	0,5 m	15,8 m	7,9 m <sup>2</sup>
8961051	1480 W	160 W/m <sup>2</sup>	0,5 m	18,6 m	9,3 m <sup>2</sup>
8961052	1840 W	160 W/m <sup>2</sup>	0,5 m	23 m	11,5 m <sup>2</sup>
8961053	2230 W	160 W/m <sup>2</sup>	0,5 m	27,8 m	13,9 m <sup>2</sup>

**SUPPLEMENTARY SET** - Buy a normal kit plus this when the biggest kit is insufficient. Thermostat not included.

8961054	1380 W	120 W/m <sup>2</sup>	0,5 m	23 m	11,5 m <sup>2</sup>
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**GARANTI:**



We give a 12 year basic guarantee on everything included in the underfloor heating pack. Also applies to Ebeco's insulating boards that are installed in combination with the underfloor heating. Our guarantee covers 100 % of the attendant costs of any damage.

Ebeco AB provides a 5-year product warranty for supplied thermostats.

We also give you the opportunity to extend the guarantee period for the underfloor heating to 25 years if you [register on our form](#). The guarantee on the thermostat remains at 12 years however. All terms and conditions may be found in the [guarantee certificate](#).

## ACCESSORY:

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### Front Cover for EB-Therm 500

The EB-Therm 500 has interchangeable cover fronts as an accessory. Fits the Schneider Exxact (anthracite, metallic), ELKO Plus/RS (alu, black) and ABB Impressivo frame systems. Frame is not included.



Item number	Name	Dimensions
8581901	Front Cover EB-Therm 500 Black for Elko Plus/RS	55x55x16 mm
8581902	Front Cover EB-Therm 500 Alu for Elko Plus/RS	55x55x16 mm
8581905	Front Cover EB-Therm 500 Metallic for Schneider Exxact	55x55x18 mm
8581906	Front Cover EB-Therm 500 Antracit for Schneider Exxact	55x55x18 mm
8581909	Front Cover EB-Therm 500 Vit for ABB Impressivo (with adapter)	64x64x18 mm

### Heightening frame

Ebeco's EB-Therm thermostats are designed for recessed or surface fitting. A heightening frame is used for surface fitting. The heightening frame is suitable for all EB-Therm models.

Item number	name	Dimensions	Colour
8581686	Heightening frame Ebeco	87x87x29 mm	White (RAL 9003)



### Primer +

Primer + is used for installing Cable Kit, Cable Board or Thermoflex Kit on existing floors (chipboard, plasterboard or concrete). Sufficient for approx. 25 m<sup>2</sup>.

Item number

Item

8960550

Primer +, 1 litre

