

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/m² and 160 W/m². Keep in mind, however, that Thermoflex 160 W/m² may only be laid on concrete surfaces.

Maximum power for different substrates:

- On concrete subflooring: 160 W/m²
- On flammable subflooring: 120 W/m²

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:

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 ²
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:

Thermoflex Kit 500 with EB-Therm 500
120 W/m²

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

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

8961113	1380 W	120 W/m ²	0,5 m	23 m	11,5 m ²
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Thermoflex Kit 500 with EB-Therm 500 160 W/m²

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

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

8961054	1380 W	120 W/m ²	0,5 m	23 m	11,5 m ²
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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:

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 m².

Item number	Item
8960550	Primer +, 1 litre

