

Foil Kit 500



Do you need underfloor heating for wooden floors? Then Foil Kit is absolutely right for your project. Foil Kit makes it easy to install underfloor heating under parquet, laminate and plastic floor covering. The underfloor heating foil is extremely thin and is always installed with the energy-efficient [Ebisol](#) insulation board for the best results. The package includes the WiFi-ready thermostat [EB-Therm 500](#). If you install the [EB-Connect WiFi](#) accessory, you can also control the underfloor heating via the Ebeco Connect app or open API.

Our underfloor heating concept WiFi READY

Our [WiFi READY](#) concept gives a unique opportunity for the fitter to offer the customer a complete and very flexible underfloor heating solution. The new Foil Kit 500 is an underfloor heating foil kit with everything you need for the installation. The news is freedom of choice. An underfloor heating kit - with and without wifi.

Here's how it works:

Thermostat [EB-Therm 500](#) is WiFi-ready. With the [EB-Connect WiFi](#) accessory installed, the underfloor heating system can easily be controlled with the [Ebeco Connect](#) app or via open API.

Download the app for free here:



The EB-Therm 500 thermostat efficiently controls underfloor heating

The [EB-Therm 500](#) thermostat is easy to install and manage, and has been developed with the fitter's best in focus. With its clear Start-Up Guide and well laid-out menu system, it makes it easier for both the fitter and the user.

[EB-Therm 500](#) has individually adjustable and energy saving programs, making it easy for you to control underfloor heating efficiently from an energy-saving perspective. The thermostat has room and floor sensors as well as a function that prevents the heat from exceeding the wooden floor's recommended temperature +27 °C. The [EB-Therm 500](#) supports eight different sensor types and fits in the most common frame systems.

Thin underfloor heating foil for dry spaces

The underfloor heating foil is durable, reliable and extremely thin - only 0.3 mm. It is free of both halogens and PVC. Foil Kit can be installed in dry areas on top of existing floor structures, such as concrete or particle board.

Underlying plastic mat must always be removed before installation. The heating foil is connected together with the included double-insulated connecting cables and connection clamps. Crimping pliers will be needed to do this.

The foil is always installed together with [Ebisol](#) insulation board. This will give an energy-efficient system. As a bonus, [Ebisol](#) also provides excellent impact-sound reducing properties.

Foil Kit is available in widths 43 cm and 100 cm, as well as by the metre.

TECHNICAL INFORMATION:

The kit includes: Underfloor heating foil, thermostat [EB-Therm 500](#), tape, connection clamps, RTK cables, spiral tube.

Subflooring	Concrete, chipboard*
Floor material	Wood, laminate, plastic matting
Room type	ONLY dry rooms
Foil thickness	0.3 mm
Total width	430 mm
Heated width	400 mm
Output	65 W/m ²
Max connection area at 10 A	c. 35 m ²
Lowest installation temp	+5°C
Connection voltage	230 V
Approval	CE

* Always remove any existing plastic matting before installation.

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

ARTICLETABLE:

Foil in three widths is also sold by the linear metre if the finished kit is unsuitable. Don't forget to buy the accessories!

Item number	Output per m ²	Width	Effective width	Length	Max area m ²	Terminals (pcs)
8961020	65 W/m ²	43 cm	40 cm	13.5 m	6 m ²	20
8961021	65 W/m ²	43 cm	40 cm	18.0 m	8 m ²	20
8961022	65 W/m ²	43 cm	40 cm	22.5 m	10 m ²	20
8961023	65 W/m ²	43 cm	40 cm	27.0 m	12 m ²	24
8961024	65 W/m ²	43 cm	40 cm	31.5 m	14 m ²	24
8961026	65 W/m ²	100 cm	97 cm	10 m	10 m ²	10
8961027	65 W/m ²	100 cm	97 cm	15 m	15 m ²	10
SUPPLEMENTARY SET - Buy a normal kit plus this when the biggest kit is insufficient. Thermostat not included.						
8961025	65 W/m ²	43 cm	40 cm	22.5 m	10 m ²	20
8961028	65 W/m ²	100 cm	97 cm	10 m	10 m ²	10
LINEAR METRE FOIL , without thermostat or accessories						
8960626	65 W/m ²	43 cm	40 cm			
8960627	65 W/m ²	100 cm	97 cm			
8960628	65 W/m ²	69 cm	66 cm			

GARANTI:



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

Pliers

Used for installing Ebeco Foil to connect together cables and connection clamps.

Item number	Name
8960690	Ebeco Foil pliers



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)

Ebisol

Insulation for wood/laminate floor. Always installed under a Foil Kit. Great comfort and less noise, with or without underfloor heating.



Item number	Length	Width	Thickness	Area/board	Number of boards/frp	Total area/pk
8960170	1200 mm	500 mm	3 mm	0.60 m ²	10 pcs	6 m ²
8960172	1200 mm	500 mm	6 mm	0.60 m ²	10 pcs	6 m ²

Connection/end kits

Material used for installing Ebeco Foil to connect together installation cables and foil.

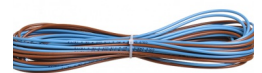
Article number	Name
8960679	Connection/termination set Ebeco Foil MINI (for 4 foils)
8960680	Connection/termination set Ebeco Foil MAXI (for 10 foils)



RTK cable

Double insulated installation cable Used for installing Ebeco Foil.

Item number	Name	Length
0376603	RTK cable, double insulated, blue 1.5 mm ²	25 m
0376613	RTK cable, double insulated, brown 1.5 mm ²	25 m



Fixing tape for foil

Used for installing Ebeco Foil.

Item number	Name	Dimensions
8960546	Fixing tape for foil	38 mm x 33 m



Connection clamp

Used for installing Ebeco Foil to connect together installation cables and foil. Sold singly.

Item number	Name
8960674	Connection clamp, 2.5-6 mm ²
052195	Connection clamp, 1.25-2 mm ²

