



## Thermoflex Kit 500

Underfloor heating kit with self-adhesive heating cable mat and thermostat

### Usage

- Underfloor heating for tiled, natural stone and linoleum floors
- Underfloor heating for both wet rooms and dry areas
- Laid in levelling compound

Mesh Several effects EB-Therm 500

- ✓ Everything required for installation is included
- ✓ WiFi READY: The thermostat can be connected to WiFi
- ✓ Efficient placement with self-adhesive mat

Complete kit for underfloor heating for tiled, natural stone and linoleum floors. The heating cable is mounted on a self-adhesive, alkali-resistant fibreglass mesh with fixed c/c spacing. Easy, one-step installation and can be cut and angled. The kit contains the EB-Therm 500 thermostat with several energy saving programs as well as sensor hose and warning sign.

## Specifications

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Connection voltage               | 230 V                                    |
| Length Connection cable          | 2,5 m                                    |
| Number of conductors             | 2 pcs                                    |
| Diameter                         | 4 mm                                     |
| Output                           | 120, 160 W/m <sup>2</sup>                |
| Installation temperature, min.   | 18 °C                                    |
| Insulation material intermediate | XLPE                                     |
| Insulation material inner        | ETFE                                     |
| Insulation material outer        | XLPE                                     |
| Cable type                       | Series-resistive 1-conductor with screen |
| Enclosure class                  | Thermostat: IP21, Cable: IP67            |
| Mat                              | Alkali-resistant fibreglass mesh         |
| Protective conductor             | Aluminium foil                           |
| Thermostat                       | EB-Therm 500                             |
| UV resistance                    | No                                       |

## Documents



Manual



Ecodesign

# Warranty



12 year product guarantee in case of material defects. The thermostat in the kit has a 5-year product guarantee. The guarantee period for the underfloor heating is extended to 25 years if the installation is carried out by an authorised

electrician and documented in Ebeco's Garantera service.

[Our warranty terms](#)

## The package includes the following:



EB-Therm  
500



Sensor hose



Thermoflex

## Article list

| Article number | Width (m) | Length (m) | Output (W) | Output (W/m <sup>2</sup> ) | Area (m <sup>2</sup> ) |
|----------------|-----------|------------|------------|----------------------------|------------------------|
| 8961100        | 0.5       | 2.5        | 150        | 120                        | 1.3                    |
| 8961101        | 0.5       | 3.4        | 200        | 120                        | 1.7                    |
| 8961102        | 0.5       | 4.2        | 250        | 120                        | 2.1                    |
| 8961103        | 0.5       | 5.4        | 340        | 120                        | 2.7                    |
| 8961104        | 0.5       | 6.8        | 410        | 120                        | 3.4                    |
| 8961105        | 0.5       | 7.8        | 480        | 120                        | 3.9                    |
| 8961106        | 0.5       | 8.8        | 530        | 120                        | 4.4                    |
| 8961107        | 0.5       | 10.8       | 640        | 120                        | 5.4                    |
| 8961108        | 0.5       | 13.2       | 780        | 120                        | 6.6                    |
| 8961109        | 0.5       | 15.8       | 940        | 120                        | 7.9                    |
| 8961110        | 0.5       | 19.2       | 1170       | 120                        | 9.6                    |
| 8961111        | 0.5       | 23         | 1380       | 120                        | 11.5                   |
| 8961112        | 0.5       | 28         | 1700       | 120                        | 14                     |
| 8961040        | 0.5       | 2          | 165        | 160                        | 1                      |
| 8961041        | 0.5       | 2.8        | 220        | 160                        | 1.4                    |
| 8961042        | 0.5       | 3.4        | 275        | 160                        | 1.7                    |
| 8961043        | 0.5       | 4.4        | 365        | 160                        | 2.2                    |
| 8961044        | 0.5       | 5.4        | 430        | 160                        | 2.7                    |
| 8961045        | 0.5       | 6.4        | 510        | 160                        | 3.2                    |
| 8961046        | 0.5       | 7.2        | 580        | 160                        | 3.6                    |
| 8961047        | 0.5       | 8.8        | 690        | 160                        | 4.4                    |
| 8961048        | 0.5       | 10.8       | 870        | 160                        | 5.4                    |
| 8961049        | 0.5       | 13         | 1030       | 160                        | 6.5                    |
| 8961050        | 0.5       | 15.8       | 1270       | 160                        | 7.9                    |
| 8961051        | 0.5       | 18.6       | 1480       | 160                        | 9.3                    |
| 8961052        | 0.5       | 23         | 1840       | 160                        | 11                     |
| 8961053        | 0.5       | 27.8       | 2230       | 160                        | 13                     |

## Supplementary kit

| Article number | Width (m) | Length (m) | Output (W) | Output (W/m <sup>2</sup> ) | Area (m <sup>2</sup> ) |
|----------------|-----------|------------|------------|----------------------------|------------------------|
| 8961113        | 0.5       | 23         | 1380       | 120                        | 11.5                   |
| 8961054        | 0.5       | 23         | 1840       | 160                        | 11                     |

## Feel free to complete



EB-CONNECT  
WiFi



Thermo Board

Learn more about this product:

<https://www.ebeco.com/products/underfloor-heating/thermoflex-kit-500>