

## *Underfloor heating for wood and laminate floors*



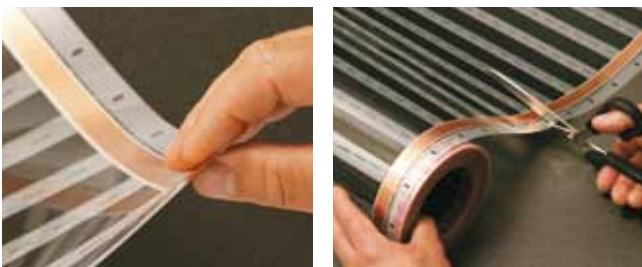
# Ebeco Foil

## Thin, hard-wearing and reliable underfloor heating

*Now we have made it even easier to lay heating under wood, laminate and vinyl floor coverings. Ebeco Foil is extremely thin, only 0.3 mm, which produces minimal build-up height. Its unique construction makes the foil hard-wearing and reliable. It contains no halogens or PVC.*



Ebeco Foil Kit contains foil, thermostat, fixing tape, terminals, connection cables (single-core double-insulated) and flexible conduit pipe.



Installation is very easy. The foil 230 V is laid directly onto the Ebisol insulation sheet and is connected by means of cables and terminals using a special crimping tool. Ebisol is required in the construction in order to prevent downward heat loss. Furthermore it dampens impact sounds.



It is easy to control the temperature using the EB-Therm 350 thermostat. The EB-Therm 350 is programmable, which means that times and temperatures can be set entirely according to your wishes and facilitate optimal energy saving.



## Planning

Some tips in conjunction with installation:

1. Sketch out the room where the underfloor heating is to be installed. Mark any fixed fittings such as kitchen units and wardrobes. Foil must not be installed in these locations or underneath interior walls.
2. Measure and make a drawing of the floor area. Calculate the correct sizes of Ebeco Foil.
3. For a complete installation you also need:

**Ebisol insulation sheet** - must be installed on the entire floor surface, including where the foil is not installed. Count on 10-20% more than the floor area as there is always some wastage.

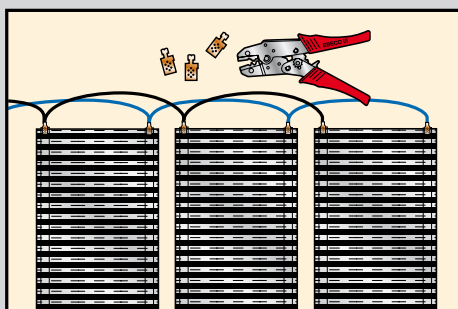
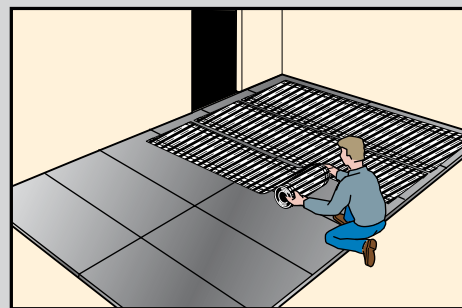
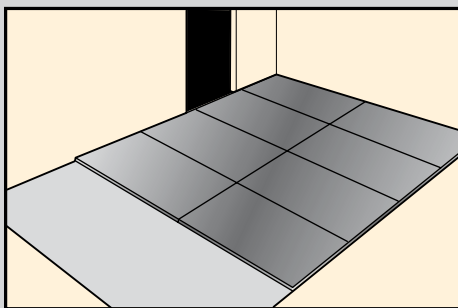
**Crimping tool** - must be used for installation.

**Damp Proof Membrane** is required in the construction.

**Earth fault relay (RCD)** - must always be installed if there is not already one in the building.

## Laying

Regardless of whether you are going to have a wood, laminate or vinyl floor covering laying is the same on all subfloors. Old vinyl floor covering must always be removed! Certain kinds of wood, especially beech and Canadian maple, have a greater level of natural movement and are therefore less suitable for underfloor heating.

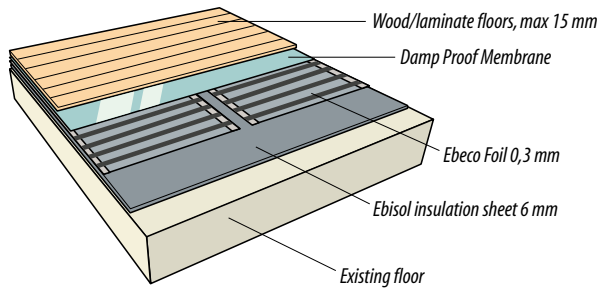


Join the lengths of foil together, then put down a layer of Damp Proof Membrane, and finally your new floor.

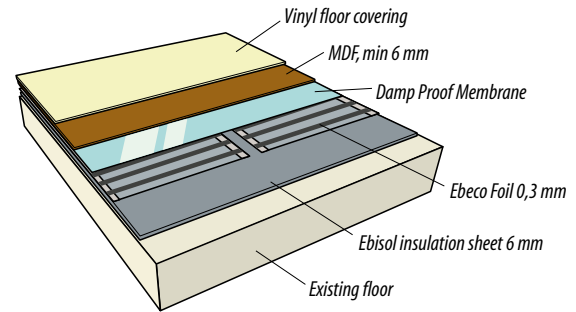
There are complete installation instructions in the pack and at [www.ebeco.com](http://www.ebeco.com)

The underfloor heating system is a mains voltage installation and must therefore be installed and connected in accordance with the current national regulations.

## Ebeco Foil Kit For wood/laminate floor Build-up height 6.5 mm



## Ebeco Foil Kit For vinyl floor coverings Build-up height 12 mm



Voltage: 230V

### Ebeco Foil Kit\*

ARTICLE NUMBER	ARTICLE	POWER	FOIL WIDTH	AREA
22 106 40	Ebeco Foil Kit	100 W/m <sup>2</sup>	43 cm	max. 6 m <sup>2</sup>
22 106 42	Ebeco Foil Kit	100 W/m <sup>2</sup>	43 cm	6-8 m <sup>2</sup>
22 106 44	Ebeco Foil Kit	100 W/m <sup>2</sup>	43 cm	8-10 m <sup>2</sup>
22 106 46	Ebeco Foil Kit	100 W/m <sup>2</sup>	43 cm	10-12 m <sup>2</sup>
22 106 48	Ebeco Foil Kit	100 W/m <sup>2</sup>	43 cm	12-14 m <sup>2</sup>
22 106 50	Supplementary kit without thermostat For areas over 14 m <sup>2</sup> .	100 W/m <sup>2</sup>	43 cm	10 m <sup>2</sup>

### Accessories

ARTICLE NUMBER	ARTICLE
E 89 606 90	Crimping tool for Ebeco Foil
E 89 606 79	Connection kit MINI (sufficient for 4 foils lengths)
E 89 606 80	Connection kit MAXI (sufficient for 10 foils lengths)
E 85 816 66	Thermostat EB-Therm 350
E 85 816 68	Extension frame for EB-Therm
E 85 816 97	Backplate polar white, 86x86x6 mm
E 85 816 98	Backplate aluminium, 86x86x6 mm
E 85 816 99	Backplate bronze, 86x86x6 mm
E 89 605 41	Flexible conduit pipe 2.5 m. For the sensor cable of the thermostat.
E 89 605 46	Fixing tape for Ebeco Foil, 38 mm x 33 mm
E 03 766 03	Single-core double-insulated connection cable, blue 1.5 mm <sup>2</sup> , 25 m-roll
E 03 766 13	Single-core double-insulated connection cable, black 1.5 mm <sup>2</sup> , 25 m-roll
E 89 601 88	Ebisol insulation sheet 6 mm (1.2 x 0.5 m)

### Ebeco Foil (by the metre)

ARTICLE NUMBER	ARTICLE	POWER	FOIL WIDTH
E 89 606 26	Ebeco Foil 230 V	65 W/m <sup>2</sup>	43 cm
E 89 606 28	Ebeco Foil 230 V	65 W/m <sup>2</sup>	69 cm
E 89 606 06	Ebeco Foil 230 V	100 W/m <sup>2</sup>	43 cm
E 89 606 08	Ebeco Foil 230 V	100 W/m <sup>2</sup>	69 cm
66 130 33	Ebeco Foil 230 V	130 W/m <sup>2</sup>	40 cm
66 130 53	Ebeco Foil 230 V	130 W/m <sup>2</sup>	53 cm

\*The Ebeco Foil Kit contains foil, thermostat, adhesive tape, terminals, connection cables and flexible conduit pipe.

EBECO AB  
Lärjeågatan 11  
415 25 Göteborg  
Sweden

Tel +46 (0)31-707 75 50  
Faks +46 (0)31-707 75 60

info@ebeco.se