

# 230V UNDER FLOOR HEATING

## Description

The Calesco heating film is a low profile heater (0,3 mm) based on a printer carbon track with copperband reinforced distribution tracks along both sides of the web. The parallel circuits give a robust function of the heating element. This type of heater can in advance be used as comfort heat together with wooden or laminate floors.

## Technical specification

The basic UFH film is approved up to 120 W/m<sup>2</sup>, 230 V, by Semco in according with:

EN 60335-1:2002+A11+A1  
EN 60335-2-96:2002+A1  
EN 50336:2003

It can however be designed for powers up to 400 W/m<sup>2</sup> @ 230 V for special applications.



## Types and packages

The heaters are available in two different widths and in three different power ranges. The heaters can be ordered as a complete installation kit or for bigger volumes as piece goods. The package is only available with the width of 600 mm and power range of 80 W/m<sup>2</sup>.

### Piece goods:

Part	Width (mm)	Power W/m <sup>2</sup>	Unit
Floor heater	600	120	Meter
Floor heater	600	80	Meter
Floor heater	600	60	Meter
Floor heater	300	120	Meter
Floor heater	300	80	Meter
Floor heater	300	60	Meter

### Calesco UFH kit:

Part	m <sup>2</sup>	Power W/m <sup>2</sup>	Unit
Heat package 8,4 m	5	80	pcs
Heat package 14 m	8,4	80	pcs
Heat package 16,8 m	10	80	pcs
Heat package 25 m	15	80	pcs

Product photo



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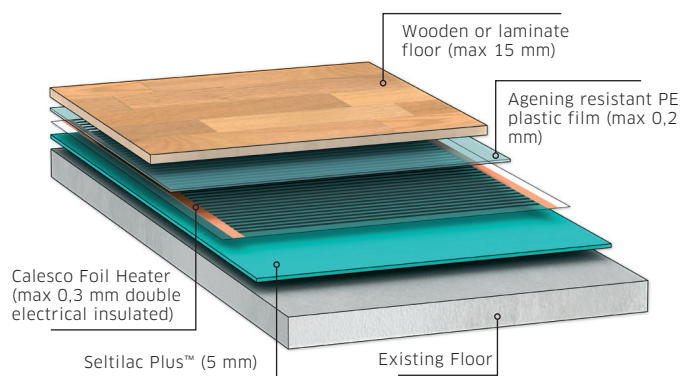
## Installation

The heaters do not need to be glued or fastened with filler. This makes an easy installation of the heaters. The design gives also big freedom to cut the heaters in right lengths at the assembly. That gives the possibility to cover as much floor surface as possible.

To prevent heat leakage down to the ground and direct the heat, a 5 mm polysterene insulation (Seltilac Plus™ or eq.) have to be installed under the heating Foil. On top an age resistant 0,2 mm PE film has to be laid.

### Accessories:

Part No.	Part	Unit
FD969900	Installation Kit (for 5 foil lengths)	PCS
FK710021	Crimping tool	PCS
FF159000	RKK double insulated wire	2X10 meters



## Benefits

- Low profile
- Even heat distribution
- Robust function
- Easy installation
- Cost efficient



Application photo