

230 V Under Floor Heater

>> Under Floor Heater Benefits

The CaleSCO heating film is a low profile heater (0,3 mm) based on a printed 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 Specifications

The basic UFH film is approved up to 120 W/m², 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/m² @ 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/m².

Piece goods

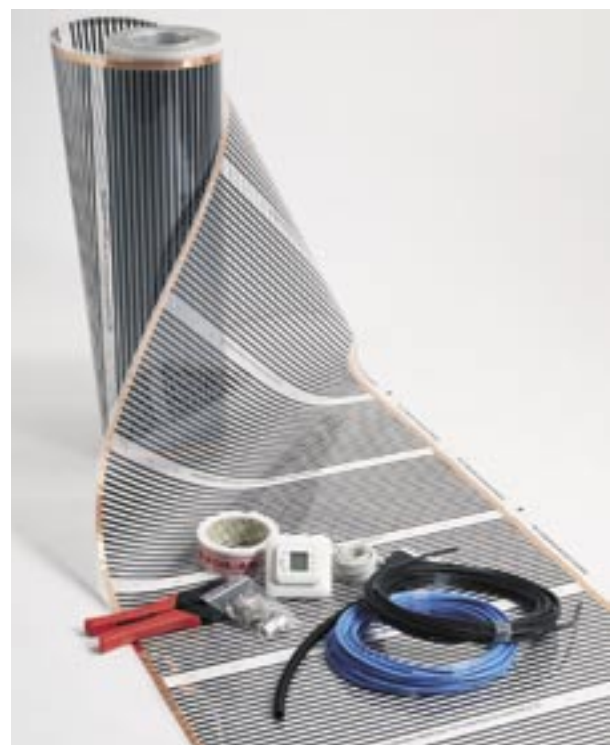
Art No.	Article	Width (mm)	Power (W/m ²)	Unit
PM969900	Floor heater	600	120	Meter
PM969901	Floor heater	600	80	Meter
PM969902	Floor heater	600	60	Meter
PM969903	Floor heater	300	120	Meter
PM969904	Floor heater	300	80	Meter
PM969905	Floor heater	300	60	Meter

CaleSCO Foil UFH kit

Art No.	Article	m ²	Power (W/m ²)	Unit
OT969900	Heat package 10 m	0-10	80	pcs
OT969901	Heat package 15 m	10-15	80	pcs
OT969902	Heat package 20 m	15-20	80	pcs
OT969903	Heat package 25 m	20-25	80	pcs



Osterbymo Solid Wooden floor, Alder. Photo: Hasse Bengtsson



>> Installation

The heater is easy to install, as the heater do not need to be glued or fastened with filler.

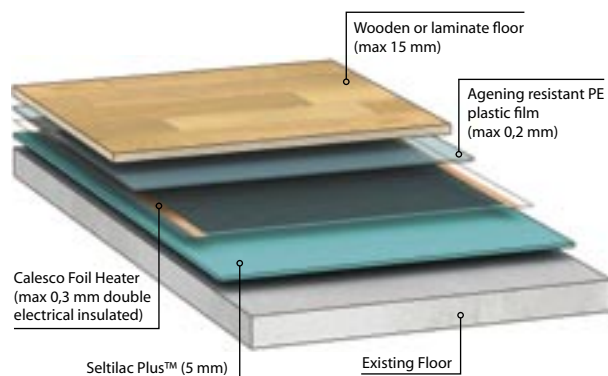
The design gives also big freedom to cut the heaters in right lengths at the assembly. That gives the possibility to cover as much floor surface as possible.

To prevent heat loses 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

Art No.	Article	Unit
FG100115	CF Controller, OCD2-1999	pcs
FD969900	Installation Kit (for 5 foil lengths)	pcs
FF159000	RKK double insulated wire (blue)	2x11 meters
FB099900	PE film 0,2 mm (age resistant)	50 m ²
FL901001	Spiral hose (sensor protection)	2,5 meters
FK000026	Crimping tool	pcs
FB099921	Insulation (Seltilac Plus™)	5 m ²
FD220016	Installation tape	roll (66 m)



>> Design advantages

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

230 V UFH