42V UNDER FLOOR HEATING

BACKER
CALESCO

Description

The Calesco heating film is a low profile heater (0,3 mm) and a low voltage heating system. The low profile does not affect the height of the floor. The parallel circuits give a robust function of the heating element and this type of heater can in advantage be used as comfort or as main heat in caravans or mobile homes.

Technical specification

The basic UFH film is based on a printed carbon and silver tracks, with copper band reinforced distribution tracks along both sides of the web. The heating system is designed only to be connected to an approved power transformer in according to EN 60335-1:2002 (max 42 voltage).

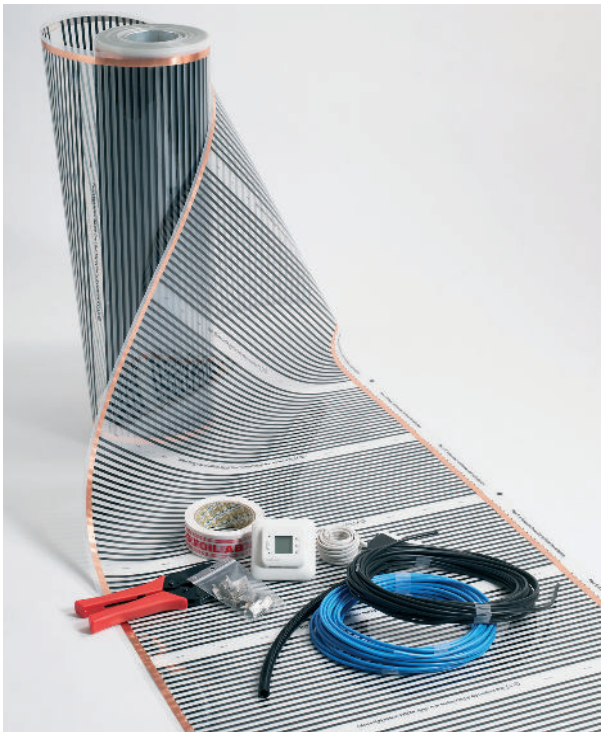
Types and packages

The heaters are available in four different widths, with a power density of 75 W/m². 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 300 mm and power density of 75 W/m².

Piece goods:

Part	Width (mm)	Power W/m²	Unit
Floor heater	300	75	Meter
Floor heater	400	75	Meter
Floor heater	600	75	Meter

Product photo



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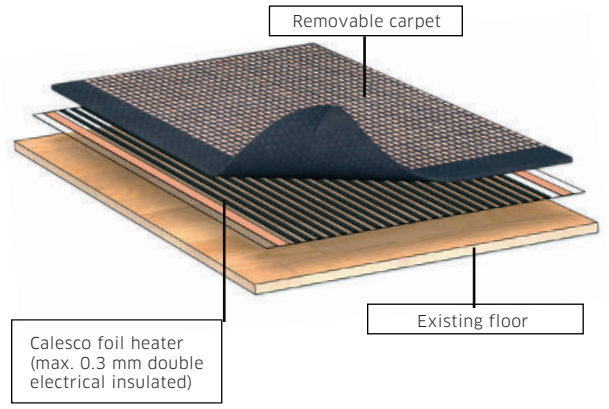
Installation

The heaters do not need to be glued or fastened with filler. This makes an easy installation of the heaters and the heating film can be installed directly upon the existing floor.

The design also gives big freedom to cut the heaters in right lengths and use different widths in the same assembly. This gives the possibility to cover a big area of the floor surface. The heater shall only be used together with approved transformers, with a maximum output voltage of 42 V. On top the heater shall be covered with a thin carpet as a protection.

Accessories:

Part No.	Part	Unit
FD969900	Installation Kit (for 5 foil lengths)	pcs
FF179000	RK 2,5 mm² wire	10x2 meters
FK710021	Crimping tool	pcs



Benefits

- Slim profile
- Even heat distribution
- Robust function
- Easy installation

Application photo