

# PVC HEATING MAT

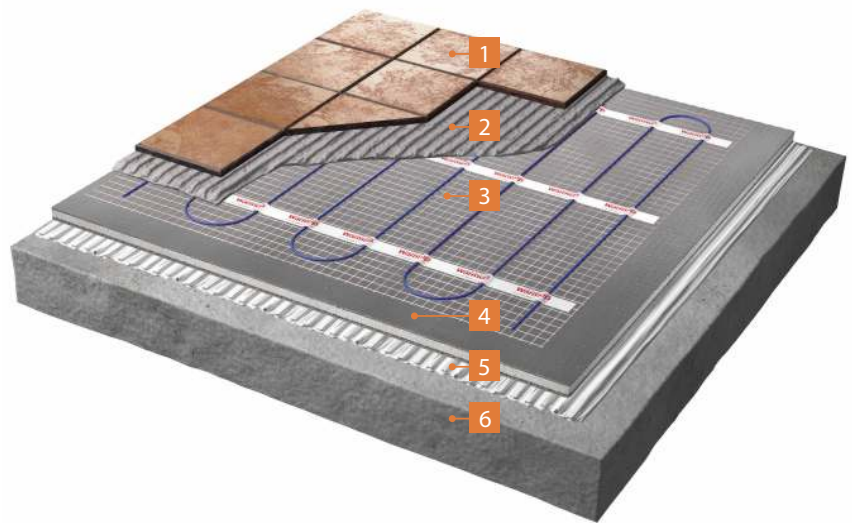
## Overview

The PVC floor heating mat systems are designed to be tough enough for professional use, yet easy to install for do it yourself enthusiasts. The radiant heating cable is attached to a tough fibreglass mesh.

The PVC mat system utilises our dual core heating element and with only one power lead to wire, it is easy to install in just a matter of hours, without raising floor levels. The cable is attached in a series of loops to thin but tough mats, to fit floor areas from as small as 1m<sup>2</sup> and up.

### FLOOR CONSTRUCTION

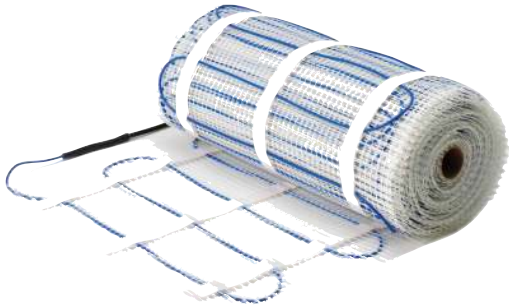
1. Floor finish
2. Tile adhesive or levelling compound
3. Heating Mat
4. Coated Insulation Board
5. Flexible adhesive
6. Subfloor



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**Warmup**  
The world's best-selling floor heating brand™

# Technical Data

OPERATING VOLTAGE	220 - 240v: 50Hz	
IP RATING	IPX7	
MAT WIDTH	50cm	
CABLE THICKNESS	3mm	
OUTPUT RATING	150 and 200W/m <sup>2</sup>	
INNER INSULATION	PTFE	
OUTER INSULATION	PVC	
MIN. INSTALLATION TEMP	5°C	
CONNECTION	3m LONG "COLDTAIL" CONNECTION	

## Features

- The heating element is 3mm, dual core and double insulated.
- Sturdy fibreglass mesh for extra durability and super-sticky double-sided tape for secure installation.
- Quick installation - Simply roll out mat with pre-spaced wire
- BEAB Approved and CE marked meeting the highest safety standards
- 10 Years Warranty and SafetyNet™ Installation Guarantee



# Dimensions

PRODUCT CODE	PVC 150W/m <sup>2</sup>				
	AREA (m <sup>2</sup> )	LENGTH x WIDTH (m)	WATTAGE (W)	AMPERAGE (A)	RESISTANCE (Ω)
PVC1	1,0	2 x 0,5	150	0,7	353
PVC1.5	1,5	3 x 0,5	225	1,0	235
PVC2	2,0	4 x 0,5	300	1,3	176
PVC2.5	2,5	5 x 0,5	375	1,6	141
PVC3	3,0	6 x 0,5	450	2,0	118
PVC3.5	3,5	7 x 0,5	525	2,3	91
PVC4	4,0	8 x 0,5	600	2,6	88
PVC4.5	4,5	9 x 0,5	675	2,9	78
PVC5	5,0	10 x 0,5	750	3,3	71
PVC6	6,0	12 x 0,5	900	3,9	59
PVC7	7,0	14 x 0,5	1050	4,6	50
PVC8	8,0	16 x 0,5	1200	5,2	44
PVC9	9,0	18 x 0,5	1350	5,9	39
PVC10	10,0	20 x 0,5	1500	6,5	35
PVC12	12,0	24 x 0,5	1800	7,8	29
PVC15	15,0	30 x 0,5	2400	9,8	24

PRODUCT CODE	PVC 200W/m <sup>2</sup>				
	AREA (m <sup>2</sup> )	LENGTH x WIDTH (m)	WATTAGE (W)	AMPERAGE (A)	RESISTANCE (Ω)
2PVC1R	1,0	2 x 0,5	200	0,9	265
2PVC1.5R	1,5	3 x 0,5	300	1,3	176
2PVC2R	2,0	4 x 0,5	400	1,7	132
2PVC2.5R	2,5	5 x 0,5	500	2,2	106
2PVC3R	3,0	6 x 0,5	600	2,6	88
2PVC3.5R	3,5	7 x 0,5	700	3,0	76
2PVC4R	4,0	8 x 0,5	800	3,5	66
2PVC4.5R	4,5	9 x 0,5	900	3,9	59
2PVC5R	5,0	10 x 0,5	1000	4,4	53
2PVC6R	6,0	12 x 0,5	1200	5,2	44
2PVC7R	7,0	14 x 0,5	1400	6,1	38
2PVC8R	8,0	16 x 0,5	1600	7,0	33
2PVC9R	9,0	18 x 0,5	1800	7,8	29
2PVC10R	10,0	20 x 0,5	2000	8,7	26
2PVC15R	15,0	30 x 0,5	3000	13,0	18

# WARMUP COMPONENTS

## Insulation Boards

Warmup® Insulation Boards are a water resistant, insulated tile backer board made of extruded polystyrene, faced on both sides with a fibreglass mesh embedded into a thin cement polymer mortar.

They have high thermal insulation properties for energy efficiency and an added benefit of sound absorption.

### INSBOARD - TECHNICAL SPECIFICATIONS

MODEL	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT (kg)	R VALUE (m <sup>2</sup> .K/W)
INSBOARD6MM	6	600	1250	1,95	0,16
INSBOARD(PK1)	10	600	1250	2,22	0,28
INSBOARD20MM	20	600	1250	2,48	0,58
INSBOARD50MM	50	600	1250	3,26	1,50



**Warmup Insulation Boards have zero Ozone Depletion Potential (ODP) and a Global Warming Potential (GWP) of less than 5**

## Thermostat



### 4iE® SMART WIFI THERMOSTAT

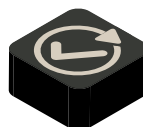
For Central Heating and Floor Heating Systems

Connected to the internet by WiFi, it can be controlled from a smartphone, tablet or computer as well as its own touchscreen interface. It learns how homeowners use their heating and the unique way each zone reacts. It uses this knowledge to suggest ways to save energy, such as what temperature should be set when the area is not in use and when the heating can be turned off earlier with no noticeable impact on comfort.



#### SmartGeo™

Always at the right temperature automatically, and up to 25% lower energy usage. Just like magic.



#### Easy to use

Simple and secure set up using WiFi, with control via smartphone, tablet or computer.



3iE Energy-Monitoring Thermostat



Tempo Programmable Thermostat