

StickyMat System

Overview

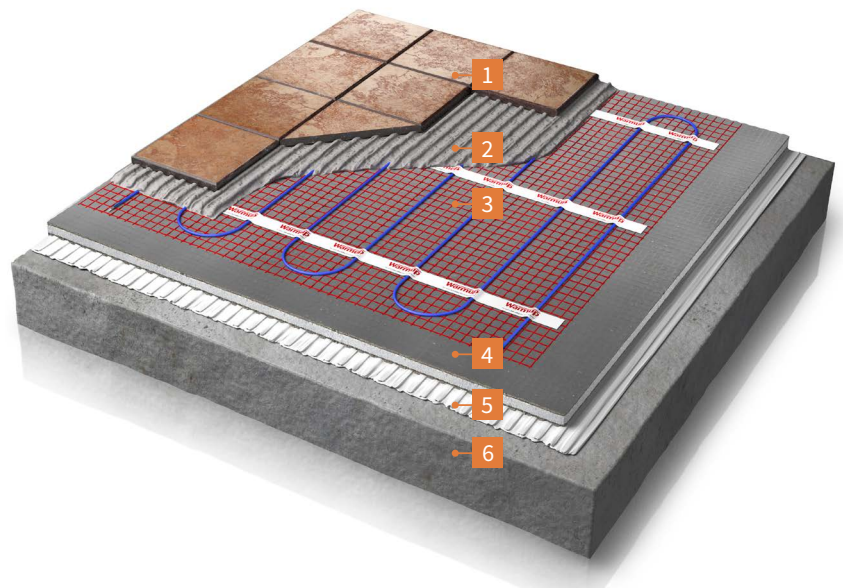
The Warmup StickyMat System is designed for use within the adhesive layer under tiles or within a levelling compound under other floor finishes. The fixed spacing and self-adhesive mat makes installation of regularly shaped rooms quick and easy whilst ensuring precision is maintained. The pressure sensitive adhesive securely binds the mats to the floor, keeping them flat and ensuring the application of tile adhesive is snag free whilst allowing the mats to be easily repositioned as needed.

The ultra-thin, 2mm multistrand, dual core heating cable, is double insulated with an advanced fluoropolymer making it exceptionally tough and easy to tile over.

For floors using a vinyl, carpet, timber or other UFH compatible floor finishes including tiles the system can be covered with a levelling compound to provide a flat and level floor surface. StickyMats are available in both 150W/m² and 200W/m² variants making them ideal for use as the primary heat source within modern homes and most older properties.

FLOOR CONSTRUCTION

- 1 Floor finish
- 2 Tile adhesive or levelling compound
- 3 Warmup StickyMat
- 4 Warmup Coated Insulation Board
- 5 Flexible Tile Adhesive
- 6 Subfloor



Electric
Heating System

Warmup Ireland
Web: www.warmup.ie
Email: ie@warmup.com
Telephone: 1 800 937 429

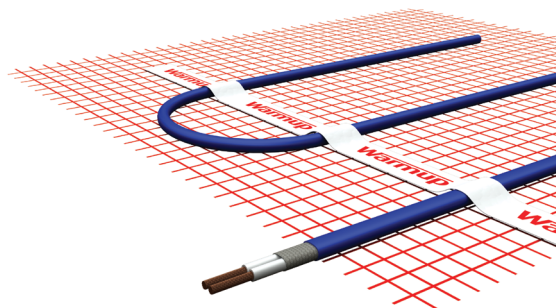
Warmup

The world's best-selling floor heating brand™

Technical Data

TECHNICAL DATA - StickyMat

| | |
|------------------------|--|
| OPERATING VOLTAGE | 220 - 240v: 50Hz |
| IP RATING | IPX7 |
| WIDTH | 500mm |
| MAT THICKNESS | 3mm |
| CABLE THICKNESS | 1.8mm |
| OUTPUT RATING | 150W/m ² 200W/m ² |
| INNER INSULATION | ETFE |
| OUTER INSULATION | ETFE |
| MIN. INSTALLATION TEMP | 5°C |
| CONNECTION | 3m LONG "COLDTAIL" CONNECTION |



Features

- StickyMats are available in both 150W/m² and 200W/m² variants
- Ultra-thin, 1.8mm cable multistrand, dual core heating cable is double insulated with an advanced fluoropolymer making it exceptionally tough and easy to tile over
- Ideal for regular shaped rooms, where the 0.5m wide mats can be rolled out across the floor in parallel runs.
- Pressure sensitive adhesive securely binds the mats to the floor keeping them flat for fast and secure installation
- BEAB Approved and CE marked meeting the highest safety standards for ultimate peace of mind
- Lifetime Warranty & SafetyNet Installation Guarantee



Technical Data

| PRODUCT CODE | AREA TO BE HEATED (m ²) | SPM 150W/m ² | | | |
|--------------|-------------------------------------|-------------------------|----------|----------------|----------------------|
| | | POWER (W) | LOAD (A) | RESISTANCE (Ω) | RESISTANCE BANDS (Ω) |
| SPM 1 | 1 | 150 | 0.65 | 353 | 335.4 - 370.7 |
| SPM 1.5 | 1.5 | 225 | 0.98 | 235 | 223.3 - 246.8 |
| SPM 2 | 2 | 300 | 1.30 | 176 | 167.2 - 184.8 |
| SPM2.5 | 2.5 | 375 | 1.63 | 141 | 134.0 - 148.1 |
| SPM 3 | 3 | 450 | 1.96 | 118 | 112.1 - 123.9 |
| SPM 3.5 | 3.5 | 525 | 2.28 | 101 | 96.0 - 106.1 |
| SPM 4 | 4 | 600 | 2.61 | 88 | 83.6 - 92.4 |
| SPM 4.5 | 4.5 | 675 | 2.93 | 78 | 74.1 - 81.9 |
| SPM 5 | 5 | 750 | 3.26 | 71 | 67.5 - 74.6 |
| SPM 6 | 6 | 900 | 3.91 | 59 | 56.1 - 62.0 |
| SPM 7 | 7 | 1050 | 4.57 | 50 | 47.5 - 52.5 |
| SPM 8 | 8 | 1200 | 5.22 | 44 | 41.8 - 46.2 |
| SPM 9 | 9 | 1350 | 5.87 | 39 | 37.1 - 41.0 |
| SPM 10 | 10 | 1500 | 6.52 | 35 | 33.3 - 36.8 |
| SPM 11 | 11 | 1650 | 7.17 | 32 | 30.4 - 33.6 |
| SPM 12 | 12 | 1800 | 7.83 | 29 | 27.6 - 30.5 |
| SPM 15 | 15 | 2250 | 9.78 | 24 | 22.8 - 25.2 |

| PRODUCT CODE | AREA TO BE HEATED (m ²) | 2SPM 200W/m ² | | | |
|--------------|-------------------------------------|--------------------------|----------|----------------|----------------------|
| | | POWER (W) | LOAD (A) | RESISTANCE (Ω) | RESISTANCE BANDS (Ω) |
| 2SPM 0.5 | 0.5 | 100 | 0.44 | 529 | 502.6 - 555.5 |
| 2SPM 1 | 1 | 200 | 0.87 | 265 | 251.8 - 278.3 |
| 2SPM 1.5 | 1.5 | 300 | 1.30 | 176 | 167.2 - 184.8 |
| 2SPM 2 | 2 | 400 | 1.74 | 132 | 125.4 - 138.6 |
| 2SPM 2.5 | 2.5 | 500 | 2.17 | 106 | 100.7 - 111.3 |
| 2SPM 3 | 3 | 600 | 2.61 | 88 | 83.6 - 92.4 |
| 2SPM 3.5 | 3.5 | 700 | 3.04 | 76 | 72.2 - 79.8 |
| 2SPM 4 | 4 | 800 | 3.48 | 66 | 62.7 - 69.3 |
| 2SPM 4.5 | 4.5 | 900 | 3.91 | 59 | 56.1 - 62.0 |
| 2SPM 5 | 5 | 1000 | 4.35 | 53 | 50.4 - 55.7 |
| 2SPM 6 | 6 | 1200 | 5.22 | 44 | 41.8 - 46.2 |
| 2SPM 7 | 7 | 1400 | 6.09 | 38 | 36.1 - 39.9 |
| 2SPM 8 | 8 | 1600 | 6.96 | 33 | 31.4 - 34.7 |
| 2SPM 9 | 9 | 1800 | 7.83 | 29 | 27.6 - 30.5 |
| 2SPM 10 | 10 | 2000 | 8.70 | 26 | 24.7 - 27.3 |
| 2SPM 15 | 15 | 3000 | 13.04 | 18 | 16.7 - 18.5 |

NOTE: To cover larger areas, several kits should be used together.

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 ² .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 Underfloor Heating Systems

Connected to the internet by WiFi, it can be controlled from a smart phone, 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.

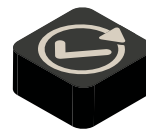
Personalise your 4iE with uploadable photo backgrounds and changeable, textured overlays.



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



EasySwitch™
Always on the best tariff, automatically. Saving on average £210.



Easy to use
Simple and secure set up using WiFi, with 24/7 technical support.