ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

# PRODUCT DATASHEET

**Type:** SET-eFLOOR-LM-S-120-1400
**Art. Nr.:** 46705

9120129934688

**Short description**
Laminotherm set, PFAS-free, incl. eBASIC controller, 7 m2, 840 W






**Product Description**
The eFLOOR LM STANDARD floor heating set contains the factory-assembled eFLOOR LM thin-bed heating mat for temperature control of laminate, parquet, and cork floors, as well as for heating well-insulated rooms. The heating mat is laid floating under the floor covering and is suitable for dry indoor areas. The integrated, reinforced aluminum mesh ensures even heat distribution and reliably prevents the formation of hot spots. With a construction height of only 1.3 mm, the mat is particularly suitable for renovations. The magnetic field-free dipole heating conductor minimizes electromagnetic fields, making the eFLOOR LM a low-electrosmog and PFAS-free solution. The heating output is 120 W/m2. Nominal temperature: up to 90 °C. Protective measure: FI protective circuit 30 mA. Protection class: IP X7. Construction according to IEC 60335. Connection cable: 4 m, 2×1.0 mm2 with protective braiding. Aluminum mesh thickness: 1 mm. CE-compliant and SEMCO-certified. The set also includes the eBASIC switch-in thermostat with a classic rotary knob and integrated Bluetooth function for operation via smartphone or tablet using the eControl app. The device thus offers both analog and smart control options in a timeless design. A sensor protection tube FSH and a 2.5 m long installation hose with a diameter of 12 mm for easy sensor installation are also included in the scope of delivery. Operating voltage: 230 V. A compact, user-friendly solution for electric floor heating systems under sensitive floor coverings.

**ETIM 10 Characteristics**

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|---|---|
| **Model** | Other |
| **With support mat** | ✖ |
| **Fixation thermal conductor** | Glued |
| **Self-adhesive** | ✖ |
| **Suitable for damp space** | ✔ |
| **Suitable as outdoor surface heating** | ✖ |
| **Suitable as roof surface heating** | ✖ |
| **With controller** | ✔ |
| **With room temperature controller** | ✔ |
| **With floor temperature sensor** | ✔ |

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|---|---|
| **Connection voltage** | 230\|230 Volt |
| **Connected load** | 840\|840 Watt |
| **Power** | 120 Watt per square metre |
| **Heating conductor load** | 12 Watt per metre |
| **Resistance** | 63 Ohm |
| **Number of cold conductors** | 1 |
| **Length of cold conductors** | 4000 Millimetre |
| **Surface** | 7 Square metre |
| **Length** | 14000 Millimetre |
| **Width** | 500 Millimetre |
| **Thickness** | 1.3 Millimetre |

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