

## PRODUCT DATASHEET

**Type:** 162-DS5-400  
**Art. Nr.:** 34177



9120015724461

**Short description**

Heating mat for thin bed, 2.0m², 50x400cm, 320W, 230V

**Product Description**

The DS mesh heating mat is a factory-made heating mat for temperature control of floors, heating rooms or insulating walls from the cold. Due to the 2.7 mm thin structure, the mesh heating mat enables a low floor height construction. The heating mat is self-adhesive and the dipole design guarantees easy installation in the tile adhesive bed - with a virtually magnetic field-free operation. Special processing guarantees 100% reliable, easy installation and high stability of the heating mat. Upon request, we are also happy to custom manufacture DS mesh heating mats with custom size, voltage, power and shape. Dipole heating conductor, low magnetic field, nominal temperature: up to 90°C, system design: according to VDE 0700, heating conductor thickness: 2.7 mm, protection rating: IP X7, grid: 12x12 mm, self-adhesive, CE marking, certification mark: VDE, protective measure: 30 mA RCD protection circuit, standard connection cable: 4 m, 2x1.0 mm² protective braiding.

**ETIM characteristics**

|                                            |       |                                  |                           |
|--------------------------------------------|-------|----------------------------------|---------------------------|
| <b>Model</b>                               | Other | <b>Connection voltage</b>        | 230 23 Volt<br>0          |
| <b>With support mat</b>                    | ✓     | <b>Connected load</b>            | 320 32 Watt<br>0          |
| <b>Fixation thermal conductor</b>          | Glued | <b>Power</b>                     | 160 Watt per square metre |
| <b>Self-adhesive</b>                       | ✓     | <b>Heating conductor load</b>    | 12 Watt per metre         |
| <b>Suitable for damp space</b>             | ✓     | <b>Resistance</b>                | 165 Ohm                   |
| <b>Suitable as outdoor surface heating</b> | ✗     | <b>Number of cold conductors</b> | 1                         |
| <b>Suitable as roof surface heating</b>    | ✗     | <b>Length of cold conductors</b> | 4000 Millimetre           |
| <b>With controller</b>                     | ✗     | <b>Surface</b>                   | 2 Square metre            |
| <b>With room temperature controller</b>    | ✗     | <b>Length</b>                    | 4000 Millimetre           |
| <b>With floor temperature sensor</b>       | ✗     | <b>Width</b>                     | 500 Millimetre            |
|                                            |       | <b>Thickness</b>                 | 2.7 Millimetre            |

Created on: 09/10/2024