ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

# PRODUCT DATASHEET

**Type:** 253-GUSN-75-2510
**Art. Nr.:** 40729

9120061398814

**Short description**
Heating mat, mastic asphalt, 18.86m2, 0.75x25.1m, 4714W, 400V



**Product Description**
The GSN outdoor heating mat for installation in mastic asphalt is used to keep parking garage entrance ramps, emergency access roads, entrance areas, etc. free of snow and ice. The GSN heating mat consists of an armored glass fibre mesh to which a dipole heating conductor is sewn. The permissible application temperature is 240 °C for 10 minutes. The glass-fiber armoured mesh prevents the heating cable from floating up. The sewing technology with a Kevlar thread guarantees 100% reliable installation and stability of the heating mat during installation. The mat does not need to be fixed to the underbody. The optimum asphalt thickness is 2x2 cm and must be applied in 2 work steps. The heating conductor is resistant to spherical acids and alkalis. TIP: We produce your connection cable to size. Nominal temperature: 105 °C, system design: in accordance with EN60335, test mark for heating conductor: FIMKO, CE compliant, protection class: IP X7, outer diameter: 7 mm, connection cable: 10 m, 3x1.5(2.5) mm2, min. bending radius: 5 d, min. installation temperature: -5 °C, outer sheath temperature-resistant: 240 °C/35 min, protective measure: RCD 30 mA.

**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** | ✖ |

| | |
|---|---|
| **Connection voltage** | 400\|400 Volt |
| **Connected load** | 4714\|4714 Watt |
| **Power** | 250 Watt per square metre |
| **Heating conductor load** | 25 Watt per metre |
| **Resistance** | 34 Ohm |
| **Number of cold conductors** | 1 |
| **Length of cold conductors** | 10000 Millimetre |
| **Surface** | 18.86 Square metre |
| **Length** | 25100 Millimetre |
| **Width** | 750 Millimetre |
| **Thickness** | 7 Millimetre |

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