ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

PRODUCT DATASHEET

Type: 303-GUSN-75-2300
Art. Nr.: 40738

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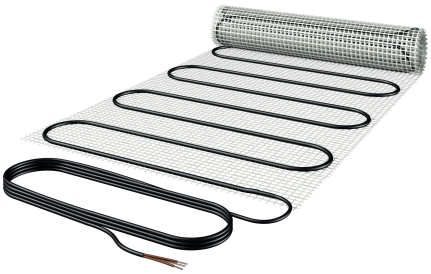
Short description

Heating mat, mastic asphalt, 17.21m², 0.75x23m, 5164W, 400V



Product Description

The GSN open-space 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 a glass silk armor mesh onto which a dipole heating conductor is sewn. The permitted application temperature is 240 °C for 10 min. The glass-silk protective braid prevents the heating cable from floating up. 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 attached to the sub-floor. The optimum asphalt thickness is 2x2 cm and must be applied in 2 cycles. The heat-sealing band is resistant to spherical acids and alkalis. TIP: We are happy to make your connection cable to measure. Nominal temperature: 105 °C, system design: according to EN60335, certification mark for heat-sealing band: FIMKO, CE marking, protection rating: 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 layer is temperature resistant to: 240 °C/35 min, protective measure: 30 mA RCD circuit.

ETIM characteristics

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	5164|5164 Watt
Power	300 Watt per square metre
Heating conductor load	30 Watt per metre
Resistance	31 Ohm
Number of cold conductors	1
Length of cold conductors	10000 Millimetre
Surface	17.21 Square metre
Length	23000 Millimetre
Width	750 Millimetre
Thickness	7 Millimetre

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