ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

PRODUCT DATASHEET

Type: 253-GUSN-75-750
Art. Nr.: 40725

9120061398777

Short description

Heating mat, mastic asphalt, 5.60m2, 0.75x7.5m, 1400W, 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

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	1400|1400 Watt
Power	250 Watt per square metre
Heating conductor load	25 Watt per metre
Resistance	114 Ohm
Number of cold conductors	1
Length of cold conductors	10000 Millimetre
Surface	5.6 Square metre
Length	7500 Millimetre
Width	750 Millimetre
Thickness	7 Millimetre

Created on: 14/09/2026

ETHERMA Elektrowärme GmbH
Landesstrasse 16
A-5302 Henndorf am Wallersee
Tel.: +43 6214 / 76 77
Mail: office@etherma.com
Web: www.etherma.com

ETHERMA Deutschland GmbH
Bahnhofstraße 40
D-48599 Gronau
Tel.: +49 2562 / 81 97 00
Mail: office.de@etherma.com
Web: www.etherma.com