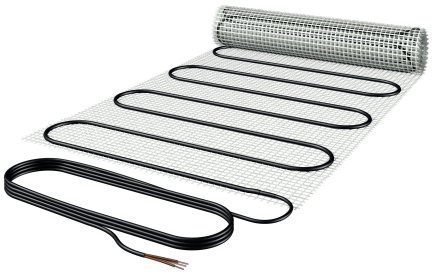
# DATASHEET.

**Product name**
253-GUSN-55-2420
**Item number**
40721
**Manufacturer**
ETHERMA



**Product description**

Heating mat, mastic asphalt, 13.33m², 0.55x24.2m, 3333W, 400V

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.

**Technical Details**

| | | | | |
|---|---|---|---|---|
| **Model** | Other | **Connection voltage** | 400\|400 | Volt |
| **With support mat** | Yes | **Connected load** | 3333\|3333 | Watt |
| **Fixation thermal conductor** | Glued | **Power** | 250 | Watt per square metre |
| **Self-adhesive** | No | **Heating conductor load** | 25 | Watt per metre |
| **Suitable for damp space** | Yes | **Resistance** | 48 | Ohm |
| **Suitable as outdoor surface heating** | Yes | **Number of cold conductors** | 1 | |
| **Suitable as roof surface heating** | No | **Length of cold conductors** | 10000 | Millimetre |
| **With controller** | No | **Surface** | 13.3 | Square metre |
| **With room temperature controller** | No | **Length** | 24200 | Millimetre |
| **With floor temperature sensor** | No | **Width** | 550 | Millimetre |
| | | **Thickness** | 7 | Millimetre |

ETHERMA
Elektrowärme GmbH
Landesstraße 16
A-5302 Henndorf
Tel.: +43 (0) 6214 | 76 77
Fax: +43 (0) 6214 | 76 66
Web: www.etherma.com
Mail: office@etherma.com

ETHERMA
Deutschland GmbH
Bahnhofstraße 40
D-48599 Gronau
Tel.: +49 (0) 2562 | 81 97 00
Web: www.etherma.com
Mail: office.de@etherma.com

ETHERMA
Benelux BV
Robijnstraat 6
NL-7554 TB Hengelo
Tel.: +31 (0)88 | 88 98 800
Web: www.etherma.nl
Mail: info@etherma.nl