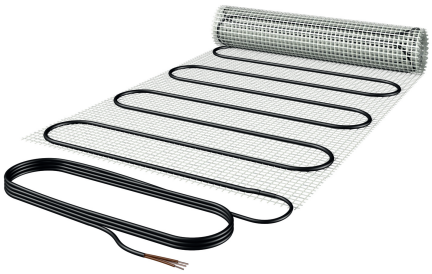
DATASHEET.

Product name
253-GUSN-55-850
Item number
40717
Manufacturer
ETHERMA



Product description

Open space heating for mastic asphalt 4.70m² 0.55x8.5m 1174W 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 produce your connection cable to measure. Nominal temperature: 105 °C, system design: according to EN60335, test mark of heat-sealing band: FIMKO, CE conform, 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 layer is temperature resistant to: 240 °C/35 min, protective measure: RCD protection circuit of 30 mA.

Technische Details

Application	Floor direct heater	**Connection voltage**	400 Volt
With support mat	Yes	**Connected load**	1174|1174 Watt
Fixation thermal conductor	Glued on	**Power**	250 Watt per square metre
Suitable for humid rooms	Yes	**Heating conductor load**	25 Watt per metre
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**	4.7 Square metre
With room temperature controller	No	**Length**	8500 Millimetre
With floor temperature sensor	No	**Width**	550 Millimetre
Self-adhesive	No	**Thickness**	7 Millimetre