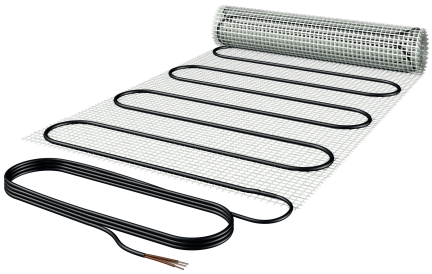
DATASHEET.

Product name
253-GUSN-55-590
Item number
40716
Manufacturer
ETHERMA



Product description

Heating mat, mastic asphalt, 3.23m², 0.55x5.9m, 806W, 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**	806|806	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**	199	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**	3.2	Square metre
With room temperature controller	No	**Length**	5900	Millimetre
With floor temperature sensor	No	**Width**	550	Millimetre
		Thickness	7	Millimetre