ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

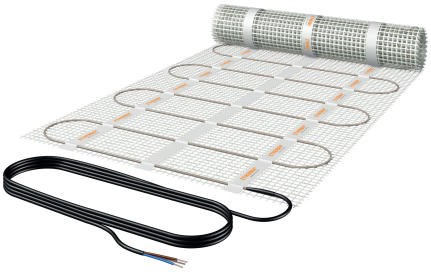
PRODUCT DATASHEET

Type: 302-NST5-428
Art. Nr.: 33235

0 912001 572625

Short description

Heating mat, robust, 2.1m², 50x428cm, 640W, 230V



Product Description

The NST mesh heating mat is a factory-made heating mat, which is mechanically and chemically resistant due to a very stable outer layer and thus particularly durable. It is ideal for installation in chemically aggressive environments such as public toilets, bathrooms or even paint shops, as well as wherever concentrated cleaning agents are used. The Teflon-insulated inner and outer insulation enables the high durability of the heating cable. The NST mesh heating mat is used for temperature control of floors, heating rooms, insulation in walls that protects from cold and also as open space heating for installation in thin beds. The 3.3mm exceptionally low height enables particularly low floor height construction when renovating ramps, walkways and driveways. A dipole design makes it easy to install in tile adhesive and mortar beds, in GRP couches and more. The NST mesh heating mat has only one connection cable and, due to its dipole heating conductor, it has a very low magnetic field. Outer and inner layer: Teflon insulation, maximum temperature resistance up to 150°C, heat-sealing band thickness: 3.3 mm, protection rating: IP X7, grid: 12.5x12.5 mm, CE marking, protective measure: 30 mA RCD protection circuit, standard connection cable: 4 m, 2x1.0(1.5) mm² + braiding.

ETIM characteristics

Model	Other	**Connection voltage**	230|230 Volt
With support mat	✔	**Connected load**	640|640 Watt
Fixation thermal conductor	Glued	**Power**	300 Watt per square metre
Self-adhesive	✖	**Heating conductor load**	22.5 Watt per metre
Suitable for damp space	✔	**Resistance**	83 Ohm
Suitable as outdoor surface heating	✔	**Number of cold conductors**	1
Suitable as roof surface heating	✖	**Length of cold conductors**	4000 Millimetre
With controller	✖	**Surface**	2.14 Square metre
With room temperature controller	✖	**Length**	4280 Millimetre
With floor temperature sensor	✖	**Width**	500 Millimetre
		Thickness	2.7 Millimetre

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