ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

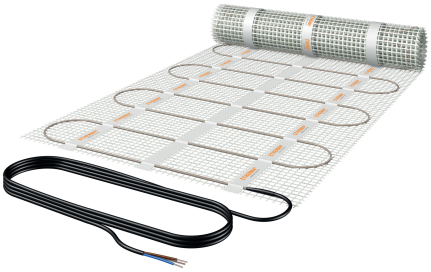
PRODUCT DATASHEET

Type: 132-NST5-440
Art. Nr.: 40876

0 912010 541019

Short description

Heating mat, robust, 2.2m², 50x440cm, 286W, 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**	286|286	Watt
Fixation thermal conductor	Glued	**Power**	130	Watt per square metre
Self-adhesive	✔	**Heating conductor load**	10	Watt per metre
Suitable for damp space	✔	**Resistance**	185	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**	2.2	Square metre
With room temperature controller	✖	**Length**	4400	Millimetre
With floor temperature sensor	✖	**Width**	500	Millimetre
		Thickness	3.3	Millimetre

Created on: 27/11/2023

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