ETHERMA°
EFFICIENT. ELECTRIC. HEATING.

PRODUCT DATASHEET

Type: 162-DS5-1000
Art. Nr.: 34182

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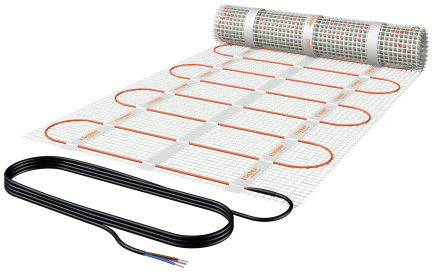
Short description
Heating mat for thin bed, 5.0m², 50x1000cm, 800W, 230V



Product Description
The DS mesh heating mat is a factory-made heating mat for temperature controll of floors, heating rooms or insulating walls from the cold. Due to the 2.7 mm thin structure, the mesh heating mat enables a low floor height construction. The heating mat is self-adhesive and the dipole design guarantees easy installation in the tile adhesive bed - with a virtually magnetic field-free operation. Special processing guarantees 100% reliable, easy installation and high stability of the heating mat. Upon request, we are also happy to custom manufacture DS mesh heating mats with custom size, voltage, power and shape. Dipole heating conductor, low magnetic field, nominal temperature: up to 90°C, system design: according to VDE 0700, heating conductor thickness: 2.7 mm, protection rating: IP X7, grid: 12x12 mm, self-adhesive, CE marking, certification mark: VDE, protective measure: 30 mA RCD protection circuit, standard connection cable: 4 m, 2x1.0 mm² protective braiding.

ETIM characteristics

Model	Other	**Connection voltage**	230|230	Volt
With support mat	✔	**Connected load**	800|800	Watt
Fixation thermal conductor	Glued	**Power**	160	Watt per square metre
Self-adhesive	✔	**Heating conductor load**	12	Watt per metre
Suitable for damp space	✔	**Resistance**	66	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**	5	Square metre
With room temperature controller	✖	**Length**	10000	Millimetre
With floor temperature sensor	✖	**Width**	500	Millimetre
		Thickness	2.7	Millimetre

Created on: 27/11/2023

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