

## MILLIMAT/150 HS

Heating cable mat for thin floor constructions.

## STANDARDS

**Test** EN 50265; IEC 60332-1

**International** IEC 60335-2-96

MILLIMAT® 150W/m<sup>2</sup> is ideal for both renovation and new building projects. The heating cable mat consists of a twin conductor heating cable attached to a thin adhesive flexible fibreglass net. Products marked with "HS" are delivered with a cold lead seamlessly integrated with the heating cable itself from the factory. Products without the "HS" marking come with a manual splice between the cold lead and the heating cable itself.

IP-class, end seal : IPX7

Total mat thickness (incl. heating cable + net) : 4.5 mm

MILLIMAT® 150W/m<sup>2</sup> is recommended for bathrooms, toilets, laundry rooms and other areas requiring high output. The mat must be installed on a non-combustible subfloor, levelled and stable. The mat is designed to be embedded into concrete or screed. The floor covering must be non-combustible and can be tiles, stone, vinyl, etc. The heating cable mat is adjusted to the room shape by cutting the net. Please see installation instructions for further details.

## CHARACTERISTICS

### Construction characteristics

Type of conductor	Resistance alloy, solid
Insulation	FEP
Drain wire	Solid tinned copper
Screen	Longitudinal aluminium tape + copper wire
Outer sheath	PVC

### Dimensional characteristics

Mat width	0.5 m
Thickness	4.5 mm














### Electrical characteristics



Nominal area output	150 W/m <sup>2</sup>
Operating voltage	230 V

### Usage characteristics

Length of cold lead	2.5 m
---------------------	-------

## PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Mat length [m]	Mat area [m <sup>2</sup> ]	Min room area [m <sup>2</sup> ]
 10224766	1008165	MILLIMAT/150 150W 1,0m <sup>2</sup>	2	1	1.2
 10224789	1036527	MILLIMAT/150 HS 750W 5,0 m <sup>2</sup>	10	5	5.6
 10224787	1036525	MILLIMAT/150 HS 525W 3,5 m <sup>2</sup>	7	3.5	3.9
 10224788	1036526	MILLIMAT/150 HS 600W 4,0 m <sup>2</sup>	8	4	4.5
 10224790	1036528	MILLIMAT/150 HS 900W 6,0 m <sup>2</sup>	12	6	6.7
 10224791	1036529	MILLIMAT/150 HS 1050W 7,0 m <sup>2</sup>	14	7	7.8
 10224792	1036531	MILLIMAT/150 HS 1200W 8,0 m <sup>2</sup>	16	8	8.9
 10224793	1008167	MILLIMAT/150 HS 1500W 10,0 m <sup>2</sup>	20	10	11.1
 10224794	1008168	MILLIMAT/150 HS 1800W 12,0 m <sup>2</sup>	24	12	13.3
 10224783	1008166	MILLIMAT/150 225W 1,5m <sup>2</sup>	3	1.5	1.8
 10224784	1036522	MILLIMAT/150 300W 2,0 m <sup>2</sup>	4	2	2.3
 10224785	1036523	MILLIMAT/150 HS 375W 2,5 m <sup>2</sup>	5	2.5	2.8
 10224786	1036524	MILLIMAT/150 HS 450W 3,0 m <sup>2</sup>	6	3	3.4

 = Make to order,  = In stock,