

MILLIMAT/100

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Heating cable mat for thin floor constructions.

Description

MILLIMAT 100W/m² 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 glass fibre net. The heating cable is delivered with a factory mounted cold lead.

IP-class, end seal : IPX7
 Cable centre spacing (C-C) 100W/m² : 112 mm
 Total mat thickness (incl. heating cable) : 4.5 mm

The MILLIMAT 100W/m² heating cable mat is recommended for living rooms, hallways, kitchens and room alike. The mat can be installed on any type of subfloor (levelled and stable). The mat is designed to be embedded into concrete or screed. Floor covering can be tiles, stone, vinyl, parquet, laminate etc. When using parquet/laminate or other materials sensible to heat it is recommended to use a limiting thermostat with a floor sensor, to avoid high temperatures. The heating cable mat is adjusted to the room shape by cutting the net. Please see installation instruction for further details.



Standards

International EN 50265;
 IEC 60332-1; IEC 60335-2-96

Characteristics

Construction characteristics	
Type of conductor	Resistance alloy, solid
Insulation	Fluor polymer
Drain wire	Solid tinned copper
Screen	Longitudinal aluminium tape + copper wire
Outer sheath	PVC
Type of splice	Moulded
Dimensional characteristics	
Mat width	0.5 m
Thickness	4.5 mm
Electrical characteristics	
Operating voltage	230 V
Usage characteristics	
Length of cold lead	2.5 m



Type of splice
Moulded

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Product List

☎=Make to order, 📦=Make to stock

Nexans ref.	Name	Mat area (m ²)	Mat length (m)	Min room area (m ²)	Approximate net weight (kg)
☎ 10143274 New	Millimat/100 100W 1,0 m ²	1	2	1.2	0.7
☎ 10143276 New	Millimat/100 150W 1,5 m ²	1.5	3	1.8	0.9
☎ 10143277 New	Millimat/100 200W 2,0 m ²	2	4	2.4	1.2
☎ 10143278 New	Millimat/100 250W 2,5 m ²	2.5	5	2.9	1.4
☎ 10143279 New	Millimat/100 300W 3,0 m ²	3	6	3.5	1.7
☎ 10143280 New	Millimat/100 350W 3,5 m ²	3.5	7	4.1	1.9
☎ 10143281 New	Millimat/100 400W 4,0 m ²	4	8	4.6	2.3
☎ 10143282 New	Millimat/100 500W 5,0 m ²	5	10	5.8	2.8
☎ 10143283 New	Millimat/100 600W 6,0 m ²	6	12	6.9	3.5
☎ 10143304 New	Millimat/100 700W 7,0 m ²	7	14	8	3.9
☎ 10143305 New	Millimat/100 800W 8,0 m ²	8	16	9.2	4.6
☎ 10143306 New	Millimat/100 1000W 10,0 m ²	10	20	11.4	5.7
☎ 10143307 New	Millimat/100 1200W 12,0 m ²	12	24	13.7	7.2

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 Type of splice
 Moulded