



## Millimat 80 W/m<sup>2</sup> and 130 W/m<sup>2</sup>



Underfloor heating is a comfortable, affordable and clean way of heating almost every room in your home. The Millimat is a perfect solution for anyone who wants to increase their domestic comfort and save energy.

**Millimat**<sup>®</sup>

### Comfortable

The Millimat provides comfortable heat evenly distributed in the floor and in the room.

### Affordable

Consisting of only a mat and a thermostat, the Millimat system should be affordable for most house owners. When the Millimat is equipped with an electronic thermostat, the thermostat will react immediately and independently to any temperature change in the room. This secures a highly energy efficient heating system to your home.

### Easy installation

The mat is just rolled out before the tile adhesive is applied. The Millimat is self adhesive and is attached by pressing it lightly against the base. The Millimat can easily be adjusted to fit the shape of the room. The cable on the mat is twin conductor and no return to the power supply is required. The heating system may be used in any existing room where you want to install tiles.

To select the right mat for your room please use the following table:

#### Millimat 230 V, 80 W/m<sup>2</sup>

Output (Watt)	Mat size (cm)	Mat area (m <sup>2</sup> )	Min. room area (m <sup>2</sup> )	Item nr.
150	40 x 460	1,8	1,9	10044268
200	40 x 610	2,4	2,6	10044269
300	40 x 920	3,7	3,9	10044270
400	40 x 1220	4,9	5,2	10044271
500	40 x 1530	6,1	6,5	10044272
600	80 x 940	7,5	7,8	10044273
700	80 x 1090	8,7	9,1	10044274
840	80 x 1310	10,5	10,9	10044275
1000	80 x 1580	12,6	13,0	10044276

### Reliable

The Millimat is designed in accordance with the international standards and safety regulations, it is manufactured in accordance with the quality assurance standard ISO 9001 and the environmental control standard ISO 14001.

The Millimat is supplied with a ten year warranty subject to correct installation and operation. The Millimat requires no maintenance. The twin conductor cable is free of electromagnetic field and represents no electrical hazard for the residents. The total mat thickness is only 4 mm.

### Thermostatic control.

Each Millimat can be equipped with an electronic thermostat from one of the world leading manufacturers. Through the enclosed floor sensor, the desired temperature is controlled and maintained without any excessive use of energy.

#### Millimat 230 V, 130 W/m<sup>2</sup>

Output (Watt)	Mat size (cm)	Mat area (m <sup>2</sup> )	Min. room area (m <sup>2</sup> )	Item nr.
150	40 x 270	1,1	1,2	10024202
200	40 x 360	1,5	1,6	10022462
300	40 x 530	2,1	2,4	10024203
400	40 x 710	2,8	3,2	10022463
500	40 x 880	3,5	4,0	10022464
600	80 x 550	4,4	4,7	10022467
700	80 x 650	5,2	5,5	10022468
840	80 x 770	6,2	6,6	10022469
1000	80 x 920	7,4	7,8	10022470

#### Millimat 120 V, 140 W/m<sup>2</sup>

Output (Watt)	Mat size (cm)	Mat area (m <sup>2</sup> )	Min. room area (m <sup>2</sup> )	Item nr.
100	40x170	0,7	0,8	10022480
200	40x370	1,6	1,7	10022481
400	40x690	3,0	3,1	10022482
550	40x910	3,9	4,1	10022483
750	80x670	5,5	5,7	10022484
1000	80x860	7,2	7,3	10022485

The cable must never be cut shorter to fit the mat to a smaller area. Only the plastic mat may be cut for adjustment to the room.

Do not install the mat in areas where the floor will be permanently covered by fixed furniture, i.e. kitchen cupboards, bath tubs, shower trays etc.

Standards/approvals: The millimat is tested in conformity with SEMKO PA/IEC 60335-1, NEMKO EN 60335-1, IEC 60335-2-96 61/1826/CDV, CSTB/LCIE, GOSST, applied for VDE and BASEC.

### Includes:

- The original Millimat
- Installation manual
- 10-year Warranty Card for the Millimat

Manufactured in Norway by Nexans Norway, a company with more than 75 years experience in electrical heating cables.

