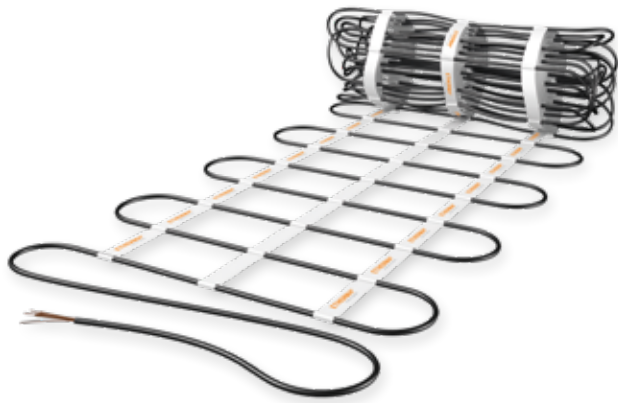


ETHERMA RS

Dipole heating mat for installation in screed



RS floor heating mats are used as direct, partial storage or storage heating materials, depending on the tariff model of the respective energy supplier. In addition, the 60 W/m² heating mats are also ideal for optimizing your own power consumption in combination with a PV system.

Installation is carried out either in a 2-layer earth-moist screed or in a flowing screed. The protective braiding of the heating conductor enables safe installation in wet rooms. The high-quality dipole heating conductor has a connection cable of 3 m as standard, but can be produced in the desired length for an additional charge.

Upon request, we custom manufacture mesh heating mats with your size, voltage, power and shape.

Dipole heating mat 62-RGS, 60 W/m², 230 V, IP X7

Type	Art. No.	Output (W)	Length (cm)	Width (cm)	m ²	Price €
62RGS040-65	32700	109	285	65	1.80	86.40
62RGS012-65	30109	199	510	65	3.30	158.30
62-RGS1-65	32648	278	720	65	4.65	223.00
62-RGS8-65	33622	405	1035	65	6.75	323.60
62-RGS2-65	30111	483	1245	65	8.05	386.10
62-RGS3-65	30110	683	1755	65	11.44	548.60
62-RGS4-65	33628	910	2340	65	15.15	726.40
62-RGS5-65	33623	1150	2955	65	19.15	918.20
62-RGS6-65	39711	1626	4170	65	27.10	1299.40

2-pole heating conductor with aluminum casing + protective conductor



- A Heat conductor
- B Return conductor, copper, 1.5 mm²
- C Interior insulation silicone or PVC
- D Polyester film
- E Aluminum casing + protective conductor
- F PVC sheath

TECHNICAL DATA

- > Voltage: 230 V
- > Output: 60, 80, 100, 120, 150 W/m²
- > Outputs on request: 40, 175, 200, 240 W/m²
- > Temperature-resistant: Up to 90 °C
- > Conductor structure: According to VDE NH2G2GQUY
- > Min. bending radius: 5 d
- > IP rating: IP X7
- > Safety function: Ground fault circuit interrupter 30 mA
- > Connecting cable: 3 m, 2 x 1.5 (2.5) mm²
With aluminum casing + protective conductor
- > System structure: CE compliant

PRODUCT ADVANTAGES

- + 40 to 240 W/m²
- + Magnetic field arm < 25 nT
- + One connection cable
- + Ideal heating system for heating low-energy and passive-energy houses
- + Different sizes/performances allow easy planning and uncomplicated installation

SELECTION GUIDE

Take advantage of our free quotation, planning and order service. Our ETHERMA technical team will support you in the calculation of the heat requirement and the dimensioning or planning of the electric underfloor heating material. Furthermore, we help you to choose the optimal electricity tariff depending on the release times of the respective EVU, or, we offer you the suitable solution in combination with a PV system.

RG: M3 | LZ: 1 week

Type	Art. No.	Output (W)	Length (cm)	Width (cm)	m ²	Price €
62RGS040-105	39704	109	180	105	1.80	86.40
62RGS012-105	39705	199	315	105	3.30	158.30
62-RGS1-105	39358	278	435	105	4.65	223.00
62-RGS8-105	39706	405	645	105	6.75	323.60
62-RGS2-105	39359	483	765	105	8.05	386.10
62-RGS3-105	39707	683	1080	105	11.44	548.60
62-RGS4-105	39708	910	1440	105	15.15	726.40
62-RGS5-105	39709	1150	1830	105	19.15	918.20
62-RGS6-105	39710	1626	2580	105	27.10	1299.40