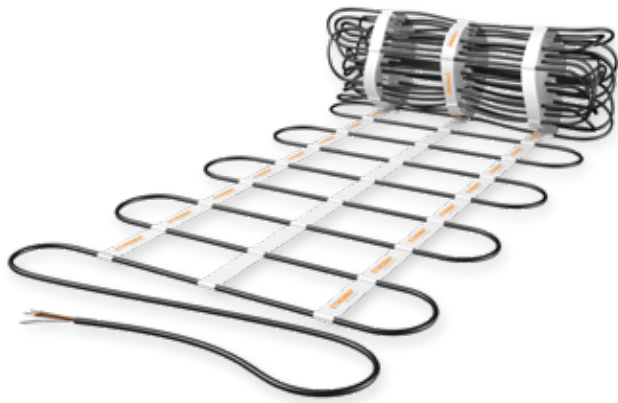


ETHERMA RS

Dipole heating mat for installation in screed flooring



RS floor heating mats are used for direct, partial storage or for storage heating, according to the tariff model of the electrical supplier. In combination with a photovoltaic system, these 60 W/m² heating mats are also ideally suitable for optimising own energy consumption.

They are installed either in a 2-layer moist earth screed or in a flowing screed. The protective braiding of the heating loop ensures proper installation in damp and wet conditions. The premium dipole heating line has a standard connection cable of 3 m, but can be manufactured as required, for a fee.

ETHERMA TIP: Project-focused heating mat production in different sizes and outputs on request.

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

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

Dipole heating cable with aluminium shield + protective earth conductor



- A Heating conductor
- B Return conductor, copper, 1.5 mm²
- C Inner insulation, silicon and/or PVC
- D Polyester film
- E Aluminium netting + protective conductor
- F Mantle, PVC

TECHNICAL DETAILS

- > Voltage: 230 V
- > Power: 60, 80, 100, 120, 150 W/m²
- > Output on request: 40, 175, 200, 240 W/m²
- > Temperature-resistant: Up to 90 °C
- > Heating conductor installation: In accordance with VDE NH2G2GQUY
- > Min. bending radius: 5 d
- > IP Rating: IP X7
- > Safety function: Earth-leakage circuit breaker, 30 mA
- > Connection cable (no plug): 3 m, 2 x 1.5 (2.5) mm² with aluminium netting + protective conductor
- > Certification: EC compliant

BENEFITS OF THIS PRODUCT

- + 40 to 240 W/m²
- + Very low magnetic field < 25 nT
- + Only one connector cable
- + Ideal heating system for heating low energy and passive houses
- + Various sizes and power outputs enable an easy planning and simple installation

SELECTION GUIDE

Take advantage of our **free offer, planning and ordering service**. The ETHERMA technical team will assist you to calculate your heating needs, as well as size and plan your electrical underfloor heating. In addition, we help you in selecting the best electricity rate, depending on the activation times of each EVU or we provide you with a suitable solution in combination with a PV system.

RG: 001 | LZ: 1 week

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