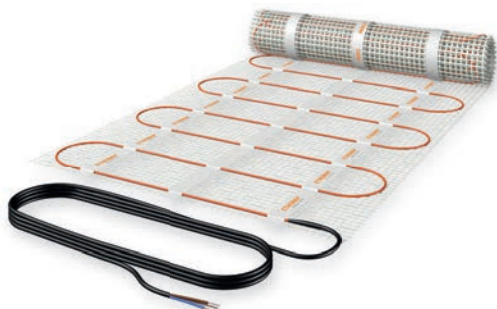


ETHERMA DS

Dipole netted heating mat under tiles or stone



The DS netted heating mat DS is a factory-assembled ready-to-use netted heating mat for heating floors and rooms or sealing off cold walls. Because it is only 2.7 mm thin it allows a low installation height.

This netted heating mat is self-adhesive and because of the dipole version it can be easily installed in tile-adhesive layer.

The special workmanship guarantees a 100% safe and easy installation as well as a high stability of the heating mat. The netted heating mat is available in four standard outputs of 90, 130, 160 or 200 W/m².

On demand we produce netted heating mats in your size, voltage, output and type as required.

ATTENTION: Do NOT shorten the heating mat!

TECHNICAL DETAILS

- > Voltage: 230 V
- > Output: 90, 130, 160, 200 W/m²
- > Temperature-resistant: pp to 90 °C
- > Thickness of heating cable: approx. 2.7 mm
- > Standard widths: 50, 100 cm
- > Grid type: 12 x 12 mm, self-adhesive
- > IP rating: IP X7
- > Safety function: Earth-leakage circuit breaker, 30 mA
- > Connection cable (no plug): 4 m; 2 x 1.0 mm² + protective braid
- > Certification: VDE

BENEFITS OF THIS PRODUCT

- + Only 2.7 mm thin
- + Also suitable for wall heating
- + Self-adhesive netted heating mat
- + Only one connection cable (no plug)
- + Very low magnetic field < 25 nT
- + Flat, torsion-free laying
- + 2 standard widths: 50, 100 cm
- + Special outputs and sizes
- + Custom-made connection cable (no plug) available

SELECTION GUIDE

DS-90 W/m²

Floor temperature control or central heating system in low energy housing.

DS-130 W/m²

Floor temperature control or central heating system in low energy housing.

DS-160 W/m²

As full heating system in kitchen, bathrooms and vestibules with standard insulation.

DS-200 W/m²

Room heating in rooms without or poor insulation; bathrooms, saunas, wellness areas, winter gardens and wherever heating for a short amount of time is necessary.

The values given here are reference values.

DS netted heating mat 90 W/m², mat width 50 cm, 230 V, IP X7

PG: M1 | DT: ex stock

Type	Item no.	Output [W]	Length [cm]	Width [cm]	m ²
92-DS5-260	34214	121	260	50	1.30
92-DS5-390	34215	175	390	50	1.95
92-DS5-600	34216	268	600	50	3.00
92-DS5-800	34218	356	800	50	4.00
92-DS5-950	34219	429	950	50	4.75
92-DS5-1120	34220	504	1120	50	5.60
92-DS5-1340	34221	603	1340	50	6.70
92-DS5-1590	34222	713	1590	50	7.95
92-DS5-1980	34223	891	1980	50	9.90
92-DS5-2240	34224	1011	2240	50	11.20
92-DS5-2900	34225	1305	2900	50	14.50
92-DS5-3550	34226	1598	3550	50	17.75

DS netted heating mat 130 W/m², mat width 50 cm, 230 V, IP X7

PG: M1 | DT: ex stock

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
132-DS5-220	34188	150	220	50	1.1
132-DS5-320	34189	210	320	50	1.6
132-DS5-490	34190	320	490	50	2.5
132-DS5-540	34191	350	540	50	2.7
132-DS5-660	34192	430	660	50	3.3
132-DS5-800	34193	520	800	50	4.0
132-DS5-940	34194	605	940	50	4.7
132-DS5-1120	34195	725	1120	50	5.6
132-DS5-1320	34196	860	1320	50	6.6
132-DS5-1650	34197	1070	1650	50	8.3
132-DS5-1860	34198	1214	1860	50	9.3
132-DS5-2000	34892	1300	2000	50	10.0
132-DS5-2400	34199	1560	2400	50	12.0
132-DS5-3000	34200	1950	3000	50	15.0

DS netted heating mat 160 W/m², mat width 50 cm, 230 V, IP X7

PG: M1 | DT: ex stock

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
162-DS5-100	35089	90	100	50	0.5
162-DS5-200	34175	160	200	50	1.0
162-DS5-300	34176	240	300	50	1.5
162-DS5-400	34177	320	400	50	2.0
162-DS5-500	34178	400	500	50	2.5
162-DS5-600	34179	480	600	50	3.0
162-DS5-700	34180	560	700	50	3.5
162-DS5-800	34181	640	800	50	4.0
162-DS5-1000	34182	800	1000	50	5.0
162-DS5-1200	34183	960	1200	50	6.0
162-DS5-1400	38872	1170	1400	50	7.0
162-DS5-1600	34185	1280	1600	50	8.0
162-DS5-1800	34890	1440	1800	50	9.0
162-DS5-2200	34186	1760	2200	50	11.0
162-DS5-2700	34187	2160	2700	50	13.5

DS netted heating mat 160 W/m², mat width 100 cm, 230 V, IP X7

PG: M1 | DT: ex stock

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
162-DS1-100	39059	160	100	100	1.0
162-DS1-150	39060	240	150	100	1.5
162-DS1-200	39061	320	200	100	2.0
162-DS1-250	39062	400	250	100	2.5
162-DS1-300	39063	480	300	100	3.0
162-DS1-350	39064	560	350	100	3.5
162-DS1-400	39065	640	400	100	4.0
162-DS1-500	39066	800	500	100	5.0
162-DS1-600	39067	960	600	100	6.0
162-DS1-700	39068	1170	700	100	7.0
162-DS1-800	38116	1280	800	100	8.0
162-DS1-900	38117	1440	900	100	9.0
162-DS1-1100	38118	1760	1100	100	11.0
162-DS1-1350	38119	2160	1350	100	13.5

DS netted heating mat 200 W/m², mat width 50 cm, 230 V, IP X7

PG: M1 | DT: ex stock

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
202-DS5-145	34201	150	145	50	0.7
202-DS5-215	34202	210	215	50	1.1
202-DS5-320	34203	325	320	50	1.6
202-DS5-355	34204	355	355	50	1.8
202-DS5-435	34205	435	435	50	2.2
202-DS5-520	34206	525	520	50	2.6
202-DS5-615	34207	615	615	50	3.1
202-DS5-735	34208	735	735	50	3.7
202-DS5-870	34209	870	870	50	4.4
202-DS5-1090	34210	1080	1090	50	5.5
202-DS5-1230	34211	1230	1230	50	6.2
202-DS5-1330	34891	1340	1330	50	6.7
202-DS5-1585	34212	1580	1585	50	7.9
202-DS5-1945	34213	1940	1945	50	9.7

ETHERMA eFLOOR DS PRO set – dipole netted heating mat with intelligent switch-mounted thermostat eTOUCH PRO



eTOUCH PRO



Netted heating mat DS



Accessories

- > 1 netted heating mat 162-DS, 160 W/m²
- > 1 switch-mounted thermostat eTOUCH PRO
- > 1 FSH-12 sensor protective pipe
- > 2.5 m of SS-12 installation pipe



ETHERMA eFLOOR DS PRO set, netted heating mat DS 160 W/m², 230 V, IP X7

PG: M2 | DT: ex stock

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
eFLOOR-DS-PRO-200 SET	44757	160	200	50	1.0
eFLOOR-DS-PRO-300 SET	44758	240	300	50	1.5
eFLOOR-DS-PRO-400 SET	44759	320	400	50	2.0
eFLOOR-DS-PRO-500 SET	44760	400	500	50	2.5
eFLOOR-DS-PRO-600 SET	44761	480	600	50	3.0
eFLOOR-DS-PRO-700 SET	44762	560	700	50	3.5
eFLOOR-DS-PRO-800 SET	44763	640	800	50	4.0
eFLOOR-DS-PRO-1000 SET	44834	800	1000	50	5.0
eFLOOR-DS-PRO-1200 SET	44764	960	1200	50	6.0
eFLOOR-DS-PRO-1400 SET	44765	1170	1400	50	7.0
eFLOOR-DS-PRO-1600 SET	44766	1280	1600	50	8.0
eFLOOR-DS-PRO-1800 SET	44767	1460	1800	50	9.0
eFLOOR-DS-PRO-2200 SET	44768	1760	2200	50	11.0
eFLOOR-DS-PRO-2700 SET	44769	2160	2700	50	13.5

ETHERMA eFLOOR DS BASIC set – dipole netted heating mat with rotating thermostat eBASIC



eBASIC



Netted heating mat DS



Accessories

- > 1 netted heating mat 162-DS, 160 W/m²
- > 1 switch-mounted thermostat eBASIC
- > 1 FSH-12 sensor protective pipe
- > 2.5 m of SS-12 installation pipe



ETHERMA eFLOOR DS BASIC set, netted heating mat DS 160 W/m², 230 V, IP X7

PG: M2 | DT: ex stock

Type	Item no.	Output (W)	Length (cm)	Width (cm)	m ²
eFLOOR-DS-BASIC-200 SET	41254	160	200	50	1.0
eFLOOR-DS-BASIC-300 SET	41255	240	300	50	1.5
eFLOOR-DS-BASIC-400 SET	41256	320	400	50	2.0
eFLOOR-DS-BASIC-500 SET	41257	400	500	50	2.5
eFLOOR-DS-BASIC-600 SET	41258	480	600	50	3.0
eFLOOR-DS-BASIC-700 SET	41259	560	700	50	3.5
eFLOOR-DS-BASIC-800 SET	41260	640	800	50	4.0
eFLOOR-DS-BASIC-1000 SET	41261	800	1000	50	5.0
eFLOOR-DS-BASIC-1200 SET	41262	960	1200	50	6.0
eFLOOR-DS-BASIC-1400 SET	41263	1170	1400	50	7.0
eFLOOR-DS-BASIC-1600 SET	41264	1280	1600	50	8.0
eFLOOR-DS-BASIC-1800 SET	41265	1460	1800	50	9.0
eFLOOR-DS-BASIC-2200 SET	41266	1760	2200	50	11.0
eFLOOR-DS-BASIC-2700 SET	41267	2160	2700	50	13.5

Accessories netted heating mat DS and eFLOOR DS PRO/BASIC sets

DT: ex stock

Type	Item no.	Description	PG
KALT-DS-1	29851	PTC thermistor for netted heating mat DS, dipole with 1.0 mm ² protective braid, price per m	A4
FSH-12	38128	Sensor protective pipe made of copper for SS-12 installation pipe	A2
FSH-20	26881	Sensor protective pipe made of copper for DN-20 installation pipe	A2
SS-12	38242	Installation pipe for positioning remote sensor, diameter: 12 mm, price per m	A2
MSTD	35508	Repair set for heating conductor of netted heating mat DS, D & NST	A4
eTOUCH-PRO-1-W	41236	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, white	E1
eTOUCH-PRO-1-B	41432	Smart thermostat with Wi-Fi and app control, 5-40 °C, 16 A, black	E1
eBASIC-1	41278	Switch-mounted thermostat with control dial and app function via Bluetooth 4.2, 16 A, 5-28 °C, white	E1
ET-RS-eBASIC-B	44912	Frame set for eBASIC consisting of cover and frame, black	A2
MTS	30640	Installation set, comprising FSH-12 and 2.5 m SS-12 installation pipe	A2