

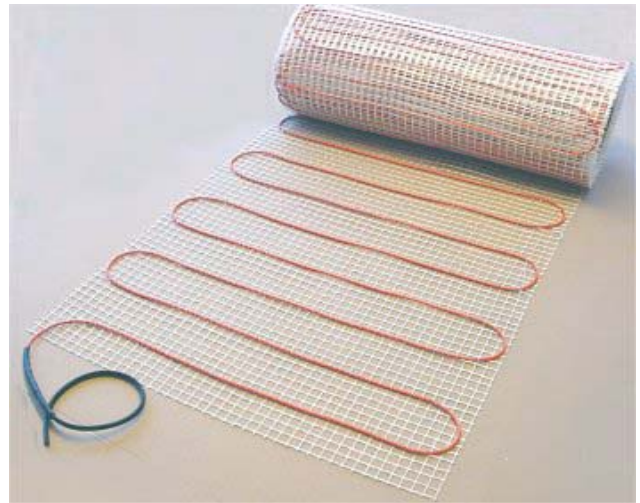


Technical data & specifiers guide – 150watt/sqm cable mat

Technical data -

Electric heating cable comprising of a twin element resistance wire, coated with teflon, it has 2 Kevlar inserts & is surrounded by a tinned copper earth shield & a final PVC outer jacket. Cable is woven to a self-adhesive mesh matting at a spacing of 150watts per sqm.

- Twin conductor insulated heating cables manufactured pursuant to VDE0700 & EN60335-1: 1994 Cables woven to matting
- Teflon insulation of heating conductors pursuant to VDE0700, composition pursuant VDE0207 part 20
- Country of manufacture – Denmark
- Cable diameter – 3 mm
- Extremely durable
- Single 3 metre 'cold' cable connection
- Output 120 or 150w per sqm
- Protective shield – tinned copper
- Dielectric strength 2500 volt AC
- Rated voltage 230 VAC / 50Hz
- Maximal cable temperature 90 deg C
- Pull Enforcement – 2 x Kevlar Wires
- UV Resistant
- Approvals CE & SEMKO
- Application – Underfloor heating



Installation

- Recommended power density between 50%-100% increase on the **buildings net heat loss per sqm** – this will facilitate reasonable warm-up times.
- Mats available in 150watt per sqm.
- Suitable for primary heating in most buildings or comfort heat source.
- Recommended control – digital thermostat with floor sensor
- Installation in thin-flowing screeds for most* floor finishes, or directly beneath, stone, ceramic & marble flooring.
- Room coverage 80-90% depending on shape/size
- Fixing to sub-floor - self adhesive on primed sub-floor

Standard 150w mat sizes available as shown above: 2 or more mats can be connected together in parallel at the thermostat to cover larger rooms. All circuits must incorporate 30mA RCD protection

Warranty period – 10 years from date of installation.

- {Note always check with floor covering manufacturer concerning suitability with underfloor heating}

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Available sizes/outputS

DV150 - 150watt per sqm mats

Product Code	Mat length in metres	Mat coverage in sqm	Power in watts	Resistance (ohm)
SCM150	2 m	1.0 sqm	150 w	339
SCM225	3 m	1.5 sqm	225 w	225
SCM300	4 m	2.0 sqm	300 w	168
SCM375	5 m	2.5 sqm	375 w	133
SCM450	6 m	3.0 sqm	450 w	111
SCM600	8 m	4.0 sqm	600 w	84
SCM750	10 m	5.0 sqm	750 w	67
SCM900	12 m	6.0 sqm	900 w	55
SCM1050	14 m	7.0 sqm	1050w	48
SCM1200	16 m	8.0 sqm	1200w	41
SCM1350	18 m	9.0 sqm	1350w	37
SCM1500	20 m	10.0 sqm	1500w	32
SCM1650	22 m	11.0 sqm	1650w	
SCM1800	24 m	12.0 sqm	1800w	

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