



ECOfloor ADSA under tile mat heat

ECOfloor is a European quality twin conductor under tile heating element mounted on a thin flexible fibreglass mat. The element has a foil screen which is packaged in a tough PVDF outer sheath. The element is 2.6mm in diameter and is a distinctive bright orange colour for easy identification. Because the element is a twin conductor it only has one cold-tail connection at one end of the heat mat. This enables simpler and faster installation. The heat mat has self adhesive strips on the underside which secures the element in place on a clean dust free floor. The boxed element includes a 10mm diameter conduit to fit a removable floor sensor and installation instructions.

Benefits:

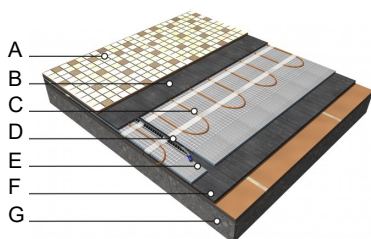
- Fast and easy to install
- Only one cold-tail connection
- Suitable for irregular shaped zones
- Virtually no radiated electromagnetic fields

Standards Compliances::

- IEC60335-2-96

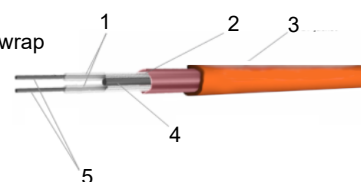


Type	Value
Operation voltage	230VAC
Construction	Round, twin conductor, earth screen, one cold lead
Output	Nominal 12W per linear metre
Max. permissible use temperature, powered	+80 C
Cable thickness	2.8mm
Conductor insulation	Flouropolymer
Outer sheath	PVDF
Screen	i X 0.8 Copper wire + AIPET Foil
Cold lead	1.5M
Min. installation temperature	-5 C
Bending radius	20mm
IP Class	IP67



- A - Tiles
B - Flexible tile adhesive
C - Heating mat
D - Sensor in conduit
E - F Board (optional)
F - Flexible tile adhesive (optional)
G - Floor base

- 1 - Fluoropolymer insulation
2 - CuSn Wire with AL/PET foil wrap
3 - PVDF jacket
4 - Fibreglass yard
5 - Resistive heating wire



Product Code	Box Code	Coverage (SQM)	Mat Width (M)	Mat Length (M)
02-5540103	CM150/1	1.0	0.5	2.0
02-5540105	CM150/1.5	1.5	0.5	3.0
02-5540107	CM150/2	2.0	0.5	4.0
02-5540109	CM150/2.5	2.5	0.5	5.0
02-5540111	CM150/3	3.0	0.5	6.0
02-5540112	CM150/3.5	3.5	0.5	7.0
02-5440113	CM150/4	4.0	0.5	8.0
02-5540114	CM150/4.5	4.5	0.5	9.0
02-5540115	CM150/5	5.0	0.5	10.0
02-5540118	CM150/6	6.0	0.5	12.0
02-5540120	CM150/7	7.0	0.5	14.0
02-5540122	CM150/8	8.0	0.5	16.0
02-5540124	CM150/9	9.0	0.5	18.0
02-5540126	CM150/10	10.0	0.5	20.0
02-5540128	CM150/12	12.0	0.5	22.0
02-5540130	CM150/15	15.0	0.5	30.0