



## ECOfloor ADSA under tile heating element

ECOfloor is a European quality twin conductor under tile heating element with a foil screen packaged in a tough PVDF outer sheath. The element is presented in a 2.6mm round loose cable and is a distinctive bright orange for easy identification.

Because the element is a twin conductor it only has a cold-tail connection at one end which makes installation simpler and faster.

The element is supplied in a cardboard box which has a 30mm punch out hole through which the element may be fed. This allows for a convenient, no hassle and tangle free laying of the element. It is supplied with a spacing guide, a 10mm diameter conduit to fit a removable floor sensor, installation tape and installation instructions.

### Benefits:

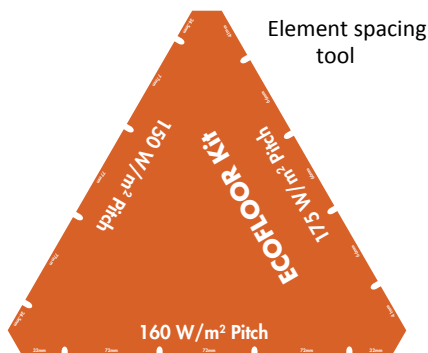
- Fast and easy to install
- Only one cold-tail connection
- Suitable for irregular shaped zones
- Virtually no radiated electromagnetic fields

### Standards Compliances::

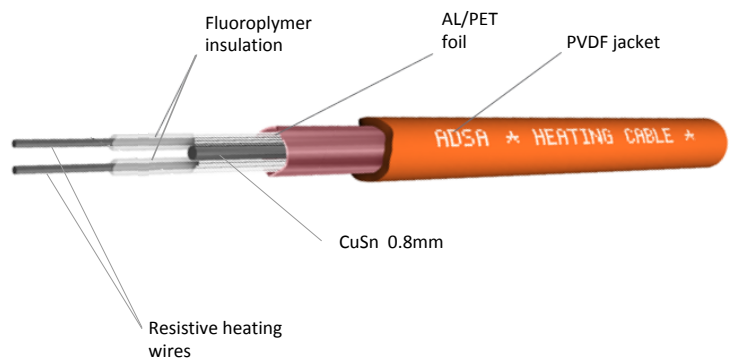
- IEC60335-2-96



Type	Value
Operating voltage	230VAC
Construction	Round, twin conductor, earth screen
Output	Nominal 12W per linear metre
Maximum operating temperature, powered	+80 degrees Celsius
Cable thickness	2.8mm
Conductor insulation	Fluoropolymer
Outer sheath	PDFE
Screen	1 X 0.8 Copper wire + AIPET Foil
Cold tail lead length	1.5M
Minimum installation temperature	-5 degrees Celsius
Minimum bending radius	25mm
IP class	IP67



Element spacing tool



Product code	Output (230Vac)	Resistance (Ohms)	Element Length (M)	Heated area 1	Heated area 2
120225	225W	235	16.8	1.0 to 1.5 SQM	1.0 to 1.8 SQM
120350	350W	151	28.9	1.6 to 2.4 SQM	1.6 to 2.8 SQM
120525	525W	101	39.2	2.5 to 3.6 SQM	2.5 to 4.2 SQM
120700	700W	76	54.8	3.4 to 4.6 SQM	3.4 to 5.6 SQM
120875	875W	60	65.0	4.2 to 5.8 SQM	4.2 to 7.0 SQM
121000	1000W	53	83.0	5.0 to 7.0 SQM	5.0 to 7.6 SQM
121250	1250W	42	100	5.8 to 8.0 SQM	5.8 to 9.6 SQM
121450	1450W	36	118	7.2 to 9.6 SQM	7.2 to 12.0 SQM
121800	1800W	29	150	9.0 to 13.0 SQM	9.0 to 15.2 SQM
122200	2200W	24	175	11.0 to 16.0 SQM	11.0 to 18.0 SQM

Note: Heated area 2 is representative of the extended coverage when used in conjunction with thermal insulating Ecofloor F-Board.