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Underfloor Heating Electric Cable

High quality and ultra-thin 18th Edition Compliant electric underfloor heating cable.

Designed for use with Dukkaboard Underfloor Heating Stud Membrane.



PRODUCT DESCRIPTION

A flexible electric heating cable designed to seamlessly integrate with Dukkaboard Heating Stud Membrane, offering precise spacing and quick cable securing.

When combined with Dukkaboard Heating Stud Membrane, it becomes a versatile system with built-in waterproofing and decoupling features. Customize the heat output based on your preferences and environmental conditions by using different layout patterns.

The system can be configured for wattages ranging from 107W/sqm to 188W/sqm.

Suitable for use under various floor coverings, it's important to follow the manufacturer's instructions, as some coverings may require a levelling compound for proper preparation, with a maximum limit of 160 W/sqm.

Compatibility between Dukkaboard Heating Electric Cable and Stud Membrane is ensured, but optimal functionality demands fully encasing the cables in a cementitious product.

PRODUCT FEATURES

- › Low build up
- › Total flexibility
- › Trade grade cable sheath
- › 100% earth shield
- › High load conductor
- › 150C elastomer protection
- › 10 year warranty
- › Designed for use with Dukkaboard Heating Thermostat and Dukkaboard Heating Membrane



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PRODUCT SPECIFICATION

Product Description	Dukkaboard Underfloor Heating Cable
Diameter	4.9mm
Outer Cable Jacket Material	Polyolefin
Conductor Type	Solid
Conductor Sheathing	High temperature thermoplastic elastomer
Inner Conductor Insulation	TPE
Cold Cable	Twin conductors and full-wrap earth shield foil
Cold Tail Length	2.5m
Power	12 W/lm
Voltage	240 V – 50Hz Supply Compatible
Max Operational Temperature	90 °C
Earth Conductor Metal	Copper
Physical Diameter Tolerance	+/- 0.2mm
Electrical Resistance Tolerance	+/- 5% of marked Ohm value
Approval	UKCA
Fire Class Rating	E
Warranty	25 years
Testing Standard	EN60335-2-96
Packaging	Recyclable cardboard core and flange and cardboard box

PRODUCT FORMATS AVAILABLE

STOCK CODE	ON DRUM CABLE LENGTH (M)	APPROX AREA COVERED AT 3 STUD SPACING (SQM)	NOMINAL OUTPUT (W)	RESISTANCE RANGE (OHM)	EAN 13 CODE
6123	12	1.2	150	370 - 428	5065017007034
6124	18	1.7	225	243 - 282	5065017007041
6125	25	2.4	300	183 - 212	5065017007058
6126	31	3.0	375	146 - 169	5065017007065
6127	37	3.6	450	121 - 140	5065017007072
6128	50	4.8	600	91 - 106	5065017007089
6129	61	5.9	750	73 - 85	5065017007096
6130	75	7.2	900	61 - 70	5065017007102
6131	100	9.6	1200	45.6 - 52.8	5065017007119
6132	125	12.0	1500	36.2 - 41.9	5065017007126
6133	150	14.4	1800	30.2 - 35.0	5065017007133
6134	200	19.2	2400	22.8 - 26.4	5065017007140

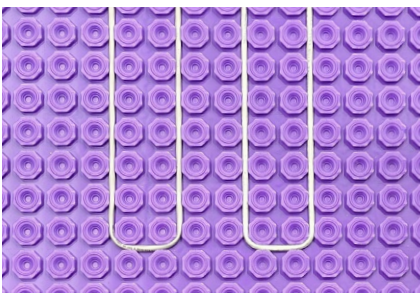


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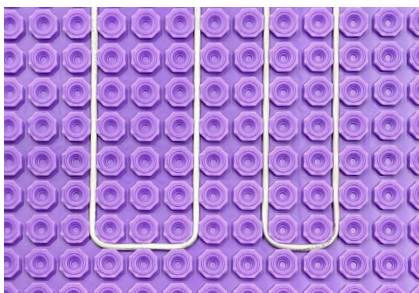
OUTPUT VS STUD SPACING AND INSULATION REQUIREMENTS

	STUD SPACING	HEAT OUTPUT PER SQM	LINEAR METRE PER SQM	RECOMMENDED MIN THICKNESS OF DUKKABOARD ORIGINAL-PANEL USED AS INSULATION BELOW
Primary	2 Stud, 2 Stud, 2 Stud	188 W	15.62	12mm
Primary	2 Stud, 2 Stud, 3 Stud	161 W	13.39	12mm
Secondary	2 Stud, 3 Stud, 3 Stud	141 W	11.72	10mm
Secondary	3 Stud, 3 Stud, 3 Stud	125 W	10.42	10mm
Secondary	3 Stud, 4 Stud, 3 Stud	107 W	8.93	8mm

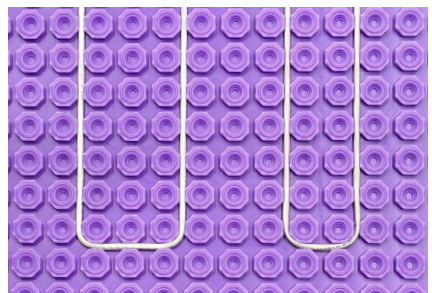
EXAMPLES OF SPACING LAYOUT



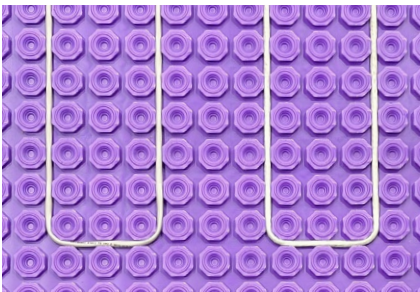
2 STUD, 2 STUD, 2 STUD



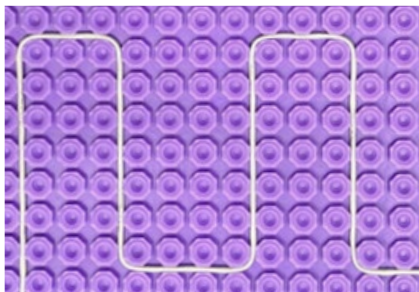
3 STUD, 2 STUD, 2 STUD



3 STUD, 3 STUD, 2 STUD



3 STUD, 3 STUD, 3 STUD



3 STUD, 4 STUD, 3 STUD

HEALTH AND SAFETY

Always read the label. Heating cables must always be controlled by a suitable electric underfloor heating thermostat with capability for in-floor temperature limitation.

Installation must be carried out by a qualified electrician.

Safety first. Dukkaboard Heating thermostats are rated to 16 Amps. 16A at 230V equals 3.68 kW; and if a system exceeds this loading a suitably rated contractor should be used. The circuit must be protected by a 30mA RCD and suitably rated fuse or circuit breaker.

Check with a qualified electrical contractor for proper installation and protection.

APPROVAL & CONFORMITY

Compliant with Part L, 18th Edition IEE Wiring Regulations, EN 60335-1:1998, EN60335-2-17:1999, IEC 60730