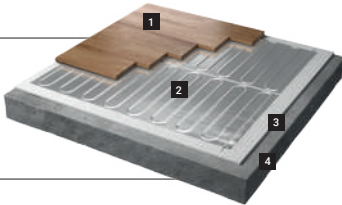


ERKO 140W

ELECTRIC UNDERFLOOR HEATING MAT

- Compatible with laminated, vinyl, linoleum and carpet floors
- Double insulated cable: EFTE
- Easy to install, does not raise floor levels: 1.5 mm cable thickness
- ECODESIGN Lot20 compliant when installed with Rointe CT.2 & ST.2 Thermostats (sold separately)
- Smartphone control from Rointe Connect app with Rointe CT.2 Thermostat
- Aluminium coating for better heat dissipation
- Special fluropolymer insulation of conductive wire supports higher temperatures
- Can be used a primary heating source, or with other Rointe heating systems
- Works with renewable energy sources like solar/PV for sustainable heating
- Guarantee: 10 years



MODEL	MSIWFH010	MSIWFH015	MSIWFH020	MSIWFH030	MSIWFH040	MSIWFH050	MSIWFH060	MSIWFH070	MSIWFH080	MSIWFH090	MSIWFH100	MSIWFH120
TECHNICAL CHARACTERISTICS												
Surface Area (m ²)	1	1.5	2	3	4	5	6	7	8	9	10	12
Power (W)	140	240	280	420	560	750	840	980	1,120	1,260	1,400	1,680
Mat Length (m)	2	3	4	6	8	10	12	14	16	18	20	24
Voltage (V)	220 - 240											
Frequency (Hz)	50											
Current (A)	0.6	0.9	1.2	1.8	2.4	3.0	3.7	4.3	4.9	5.5	6.1	7.3
Resistance (Ω)	378	252	189	124	94	76	63	54	47	42	38	32
Maximum Temperature	80°C											
Finish	Aluminium Coating											
DIMENSIONS												
Cable Thickness (mm)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Width (mm)	500	500	500	500	500	500	500	500	500	500	500	500
Cable Spacing (mm)	50	50	50	50	50	50	50	50	50	50	50	50
Coldtail Cable Length (m)	3	3	3	3	3	3	3	3	3	3	3	3
Weight (kg)	0.9	1.0	1.2	1.5	1.9	2.3	2.6	2.8	3.2	3.8	4.3	5.3
DIAGRAM												
1 Flooring 2 Heating foil 3 Insulation blanket 4 Base 												
MATERIALS												
Cable	Double Conductor (Phase, Neutral, Ground)											
Insulation	EFTE											
Earth Protection	Double Aluminium Coated											
SAFETY												
Safety Thermostat & Overheat Detection	✓											
IP Rating	IPX7											
Protection Grade	Class I											
CONTROLS & INTERFACE												
Operation Via Thermostat	Compatible with Rointe CT.2 or ST.2 Thermostats											
Operation Via Rointe Heating App	✓ - (when used with Rointe CT.2 Thermostat)											

ERKO 140W

ELECTRIC UNDERFLOOR HEATING MAT

MODEL	MSIWFH010	MSIWFH015	MSIWFH020	MSIWFH030	MSIWFH040	MSIWFH050	MSIWFH060	MSIWFH070	MSIWFH080	MSIWFH090	MSIWFH100	MSIWFH120
WIFI CONTROL & TECHNOLOGIES												
Built-In WiFi (2.4 GHz)	-											
WiFi Direct ¹	✓ - (when used with Rointe CT.2 Thermostat)											
Rointe Heating App Control	✓ - (when used with Rointe CT.2 Thermostat)											
Rointe Heating App Platforms	Android, iOS and Web											
Works with Amazon Alexa & Google Assistant	✓ - (when used with Rointe CT.2 Thermostat)											
Control by Geolocation	✓ - (when used with Rointe CT.2 Thermostat)											
True Real Power Consumption meter	✓ - (when used with Rointe CT.2 Thermostat)											
Cost & Consumption control	✓ - (when used with Rointe CT.2 Thermostat)											
Customisable Screen Colour	-											
Comfort Index ²	✓ - (when used with Rointe CT.2 Thermostat)											
AIH System ²	✓ - (when used with Rointe CT.2 Thermostat)											
INSTALLATION												
Mounting	Floor											
Direction	Flat											
Supplied With	Cable, User Manual											
PACKAGING INFORMATION												
Height (mm)	120	120	120	120	150	150	150	150	200	200	200	200
Width (mm)	520	520	520	520	520	520	520	520	520	520	520	520
Depth (mm)	120	120	120	120	150	150	150	150	200	200	200	200
Gross Weight (kg)	1.1	1.2	1.4	1.7	2.1	2.5	2.8	3.0	3.6	4.2	4.7	5.7
GUARANTEE												
Product Guarantee	10 years											
APPROVALS, CERTIFICATIONS & CONFORMITIES												
CE	✓											
UKCA	✓											
RoHS	-											
ERP Ready - LOT20	✓ - (when used with Rointe CT.2 Thermostat)											
ETIM Class	EC000405											
COMPATIBLE ACCESSORIES												
Insulation Blanket ASILU***	✓											
Protection System ASILDO	✓											
Conductive Tape ASCAI01	✓											
CT.2 Thermostat	✓											
ST.2 Thermostat	✓											

1) Compatible with 2.4 GHz. No need for gateways or other connections. 2) Available from Q3/Q4 2023.

