

ELEKTRA Heating Mats

ELEKTRA WoodTec₂[™] Heating Mats are ready-to-install heating elements which are produced in accordance with EN 60335-2-96. Consisting of a very thin heating cable attached to a glass fibre mesh and aluminum foil, the system is designed for indoor use and direct heating. It should be installed directly under laminate flooring and/or engineered wood.

Single-side power supply WoodTec₂[™]



This package contains:

- ELEKTRA WoodTec₂[™] heating mat,
- 'cold tails' flexible conduit,
- flexible conduit for the temperature sensor,
- recessed distribution box Ø 60 mm for the temperature controller,
- aluminum adhesive tape,
- instruction manual.

> Technical data:

Power output:	70 W/m ² (140 W/m ² applicable in the UK only)
Power supply:	230 V ~ 50/60 Hz
Mat thickness:	~ 2.8 mm
Min. installation temperature:	-5°C
Max. working temperature:	+95°C
Conduit cables:	1 x 4 m; 3 x 1.0 mm ²
Type of heating cable:	double-core of diameter ~ 2.3 mm, single-side power supply
Power output of heating cable:	~ 3 W/m (WoodTec ₂ [™] 70), ~ 6 W/m (WoodTec ₂ [™] 140)
Insulation:	double layer, FEP + XLPE
Rated power output tolerance:	+5%, -10%
Min. radius of bending cable:	5 D
Screen of heating mats:	PET covered aluminum foil
Deformation strength:	> 600 N
Pulling strength:	> 120 N
Protection:	IPX1
Product certificates:	EAC
Certificate of ISO 9001:	IQNET, PCBC
Product mark:	CE



70 W/m²

TYPE	DIMENSIONS	SURFACE	POWER
-	m x m	m ²	W
WoodTec2™ 70/2.0	0.5 x 4.0	2.00	140
WoodTec2™ 70/3.0	0.5 x 6.0	3.00	210
WoodTec2™ 70/4.0	0.5 x 8.0	4.00	280
WoodTec2™ 70/6.0	0.5 x 12.0	6.00	420
WoodTec2™ 70/8.0	0.5 x 16.0	8.00	560
WoodTec2™ 70/11.0	0.5 x 22.0	11.00	770
WoodTec2™ 70/13.0	0.5 x 26.0	13.00	910

140 W/m² (applicable in the UK only)

TYPE	DIMENSIONS	SURFACE	POWER
-	m x m	m ²	W
WoodTec2™ 140/3.0	0.5 x 6.0	3.00	420
WoodTec2™ 140/4.0	0.5 x 8.0	4.00	560
WoodTec2™ 140/5.0	0.5 x 10.0	5.00	700
WoodTec2™ 140/6.0	0.5 x 12.0	6.00	840
WoodTec2™ 140/8.0	0.5 x 16.0	8.00	1120
WoodTec2™ 140/10.0	0.5 x 20.0	10.00	1400

> Accessories:

Temperature controllers: OWD5 WiFi, OCD5, OCD4, DIGI2, OTN, OTD,
ELR 20, ETN4

ELEKTRA Heating Mats

ELEKTRA WoodTec₁[™] Heating Mats are ready-to-install heating elements which are produced in accordance with EN 60335-2-96. Consisting of a very thin heating cable attached to a glass fibre mesh and aluminum foil, the system is designed for indoor use and direct heating. It should be installed directly under laminate flooring and/or engineered wood.

Double-side power supply WoodTec₁[™]



This package contains:

- ELEKTRA WoodTec₁[™] heating mat,
- 'cold tails' flexible conduit,
- flexible conduit for the temperature sensor,
- recessed distribution box Ø 60 mm for the temperature controller,
- 2 electrical connectors,
- aluminum adhesive tape,
- instruction manual.

> Technical data:

Power output:	60 W/m ²
Power supply:	230 V ~ 50/60 Hz
Mat thickness:	~ 1.9 mm
Min. installation temperature:	-5°C
Max. working temperature:	+80°C
Conduit cables:	2 x 4 m; 2 x 1.0 mm ²
Type of heating cable:	one-core of diameter ~ 1.3 mm, double-side power supply
Power output of heating cable:	~ 3 W/m
Insulation:	double layer, FEP + HDPE
Rated power output tolerance:	+5%, -10%
Min. radius of bending cable:	5 D
Screen of heating mats:	PET covered aluminum foil
Deformation strength:	> 600 N
Pulling strength:	> 120 N
Protection:	IPX1
Product certificates:	EAC
Certificate of ISO 9001:	IQNET, PCBC
Product mark:	CE



60 W/m²

TYPE	DIMENSIONS	SURFACE	POWER
-	m x m	m ²	W
WoodTec1™ 60/2.0	0.5 x 4.0	2.00	120
WoodTec1™ 60/3.0	0.5 x 6.0	3.00	180
WoodTec1™ 60/4.0	0.5 x 8.0	4.00	240
WoodTec1™ 60/6.0	0.5 x 12.0	6.00	360
WoodTec1™ 60/8.0	0.5 x 16.0	8.00	480
WoodTec1™ 60/10.0	0.5 x 20.0	10.00	600
WoodTec1™ 60/12.0	0.5 x 24.0	12.00	720

> Accessories:

Temperature controllers: OWD5 WiFi, OCD5, OCD4, DIGI2, OTN, OTD,
ELR 20, ETN4

La Grand E.V.O

Sydneystraat 90 - 3047BP Rotterdam
Tel. 010-2449966
Fax. 010-2449967
Email. info@lagrand-evo.nl
www.lagrand-evo.nl