
TECHNICAL DATA SHEET

ELEKTRA WoodTec₂ Heating Mat
70 W/m²

Introduction

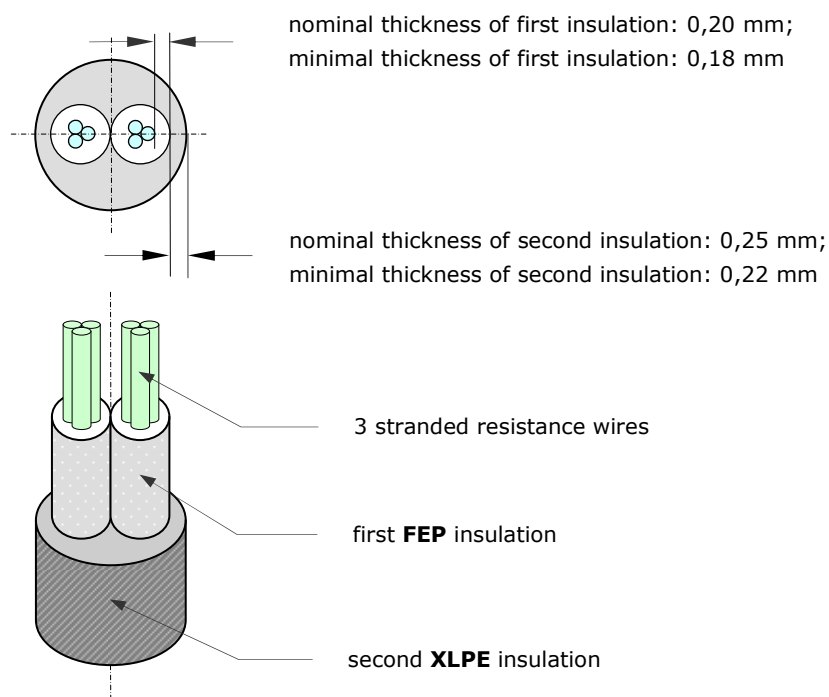
The ELEKTRA WoodTec₂ are single-side powered heating mats. They are designed to provide heating of floors made of laminated floorboards and/or engineered wood. They can be used as a primary or a supplementary heating system.

The ELEKTRA WoodTec₂ heating mats are produced in accordance with the EN 60335-2-96 standard.

Technical specification

Construction:	Heating conductor with double insulation FEP and XLPE. Self-adhesive fiberglass mesh. Aluminum foil (AL/PET) of 50 µm thickness Cold tails – LYCY 2x1,0 mm ² - 4,0 m
Conductor form:	Round
Cable diameter:	2,2 to 2,3 mm
Resistance range:	0,20 to 9,0 Ω/m
Nominal power rating:	2,5 to 3,2W/m
Max. operating temperature:	60 °C
Peak withstand temperature:	90 °C
Power output:	70 W/m ²
Insulation class:	IPX7
Nominal voltage:	300 VAC
Test (dielectric) voltage:	1000 VAC
Width of heating mat:	0,5 m
Heating mat thickness:	2,5 mm
Standard (heating cable):	IEC 1423-1; IEC 1423-2
Standard (heating mat):	EN 60335-1, EN 60335-2-96

Construction



Technical data

70 W/m² 230V

Type	Surface m ²	Heating cable type	Resistance Ω			Power of the mat, ±5% W
			minimal	nominal	maximal	
WoodTec ₂ 70/2,0	2,0	PD-3B	343,5	377,9	397,7	140
WoodTec ₂ 70/3,0	3,0	PD-6A	229,0	251,9	265,2	210
WoodTec ₂ 70/4,0	4,0	PD-8A	179,9	188,9	198,9	280
WoodTec ₂ 70/6,0	6,0	PD-10A	120,0	126,0	132,6	420
WoodTec ₂ 70/8,0	8,0	PD-11	90,0	94,5	99,4	560
WoodTec ₂ 70/11,0	11,0	PD-13	65,4	68,7	72,3	770
WoodTec ₂ 70/13,0	13,0	PD-14	55,4	58,1	61,2	910

Edition: 11.2008