



ALUMAT 80, 140 W/m²



Alumat is a unique heating mat, specially developed to be used on an existing stable floor directly beneath wooden and laminate flooring – without requiring covering by levelling compounds. No more wet trade – dry and clean installation make the heating mat impressively easy to work with. All that is needed is a hobby-knife and scissors! The ultra-thin design of the mat adds minimal build height to your floor construction.

AluMat must be fitted on a layer of insulating underlay, suitable for the electric underfloor heating. For these purposes, we recommend using Reflector 3, Reflector 6 or another underlay with similar properties. Heatcom's Reflector plates smooth out unevenness of the subfloor surface, provide additional thermal and sound insulation and protect the heating mats against weight load, prolonging the lifetime of your floor.

We recommend using a thermostat with a floor sensor and temperature limiter at max. 27°C to avoid the risk of floor damage by too rapid heating and high temperature. With additional accessories, AluMat can be fitted beneath carpets, vinyl, linoleum, etc. Select a suitable manual or programmable thermostat from a wide range of Heatcom's Heat Controls.



ADVANTAGES:

- Dry and clean installation – no embedding required
- Ideal for use beneath wooden floors, parquet, laminate
- Ultra-thin design – adds minimal build height to floor construction
- Easy-to-install, simple cut and turn design
- Highly reliable and resistant to high temperatures
- Available in a wide range of sizes
- Danish Design
- Covered by a 15-year warranty



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ALUMAT

80, 140 W/m²

AluMat is an electric heating mat developed for underfloor heating beneath wooden and laminate flooring without requiring covering with levelling compounds. The mat contains ultra-thin heating cables and an aluminium earth shield.

The power requirement (W/m²) depends on the specific conditions in the surrounding building and the level of insulation in the room.

AluMats must be fitted on top of the insulating underlay, i.e. Reflector 3, Reflector 6 or another underlay with similar properties.

We recommend using a thermostat with a floor sensor and temperature limiter at max. 27°C to avoid the risk of floor damage by too rapid heating and high temperature.

Dual conductor system – only one power lead per heating mat.



TECHNICAL DATA

Voltage	230 V - 50Hz
Mat thickness	1,5 mm (+0,5mm/-0,2mm)
Inner conductor, insulation	Fluoropolymer
Cold cable	3 m
Outer sheath	PVC
Max. permissible cable temperature	80° C
Heat dissipation material	Full coverage aluminium foil
Warranty	15 years
Approval	CE
Standard	EN60335-2-96
Tolerance resistance	-5 %/+10 %

APPLICATIONS

Wet rooms	
Reg. housing	✓
Concrete	
Existing floor	✓
In screed	

LINK TO OUR WEBSITE



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ALUMAT - 80 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
AluMat 80 W/m ² - 1.0 m ² (0.5 x 2.0 m)	80 W	0.3 A	661 Ω
AluMat 80 W/m ² - 1.5 m ² (0.5 x 3.0 m)	120 W	0.5 A	441 Ω
AluMat 80 W/m ² - 2.0 m ² (0.5 x 4.0 m)	160 W	0.7 A	331 Ω
AluMat 80 W/m ² - 2.5 m ² (0.5 x 5.0 m)	200 W	0.9 A	265 Ω
AluMat 80 W/m ² - 3.0 m ² (0.5 x 6.0 m)	240 W	1.0 A	220 Ω
AluMat 80 W/m ² - 3.5 m ² (0.5 x 7.0 m)	280 W	1.2 A	189 Ω
AluMat 80 W/m ² - 4.0 m ² (0.5 x 8.0 m)	320 W	1.4 A	165 Ω
AluMat 80 W/m ² - 4.5 m ² (0.5 x 9.0 m)	360 W	1.6 A	147 Ω
AluMat 80 W/m ² - 5.0 m ² (0.5 x 10.0 m)	400 W	1.7 A	132 Ω
AluMat 80 W/m ² - 6.0 m ² (0.5 x 12.0 m)	480 W	2.1 A	110 Ω
AluMat 80 W/m ² - 7.0 m ² (0.5 x 14.0 m)	560 W	2.4 A	94 Ω
AluMat 80 W/m ² - 8.0 m ² (0.5 x 16.0 m)	640 W	2.8 A	83 Ω
AluMat 80 W/m ² - 9.0 m ² (0.5 x 18.0 m)	720 W	3.1 A	73 Ω
AluMat 80 W/m ² - 10.0 m ² (0.5 x 20.0 m)	800 W	3.5 A	66 Ω
AluMat 80 W/m ² - 12.0 m ² (0.5 x 24.0 m)	960 W	4.2 A	55 Ω
AluMat 80 W/m ² - 15.0 m ² (0.5 x 30.0 m)	1200 W	5.2 A	44 Ω

ALUMAT - 140 W/m²

PRODUCT DESCRIPTION	POWER	CURRENT	RESISTANCE
AluMat 140 W/m ² - 1,0 m ² (0,5 x 2,0 m)	140 W	0,6 A	378 Ω
AluMat 140 W/m ² - 1,5 m ² (0,5 x 3,0 m)	210 W	0,9 A	252 Ω
AluMat 140 W/m ² - 2,0 m ² (0,5 x 4,0 m)	280 W	1,2 A	189 Ω
AluMat 140 W/m ² - 2,5 m ² (0,5 x 5,0 m)	350 W	1,5 A	151 Ω
AluMat 140 W/m ² - 3,0 m ² (0,5 x 6,0 m)	420 W	1,8 A	126 Ω
AluMat 140 W/m ² - 3,5 m ² (0,5 x 7,0 m)	490 W	2,1 A	108 Ω
AluMat 140 W/m ² - 4,0 m ² (0,5 x 8,0 m)	560 W	2,4 A	94 Ω
AluMat 140 W/m ² - 4,5 m ² (0,5 x 9,0 m)	630 W	2,7 A	84 Ω
AluMat 140 W/m ² - 5,0 m ² (0,5 x 10,0 m)	700 W	3,0 A	76 Ω
AluMat 140 W/m ² - 6,0 m ² (0,5 x 12,0 m)	840 W	3,7 A	63 Ω
AluMat 140 W/m ² - 7,0 m ² (0,5 x 14,0 m)	980 W	4,3 A	54 Ω
AluMat 140 W/m ² - 8,0 m ² (0,5 x 16,0 m)	1120 W	4,9 A	47 Ω
AluMat 140 W/m ² - 9,0 m ² (0,5 x 18,0 m)	1260 W	5,5 A	42 Ω
AluMat 140 W/m ² - 10,0 m ² (0,5 x 20,0 m)	1400 W	6,1 A	38 Ω
AluMat 140 W/m ² - 12,0 m ² (0,5 x 24,0 m)	1680 W	7,3 A	31 Ω
AluMat 140 W/m ² - 15,0 m ² (0,5 x 30,0 m)	2099 W	9,1 A	25 Ω

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