

LAMINATE FLOOR HEATING MAT (LFM)



APPLICATION

- Electric floor heating for comfort heat



SURFACE TYPE

- Wooden floors, laminate



INSTALLATION LOCATION

- Indoor dry applications like bedrooms, living areas etc.



INSTALLATION TECHNIQUE

- Directly under wooden, laminate floors

Laminate floor heating mat (LFM) are ultra-thin electric radiant floor heating system designed for indoor applications under wooden, laminate floors. LFM comprises of a heating cable sandwiched between two layers of reinforced aluminum foil. Uniformly spaced heating elements prevents occurrences of heat hot spots during its length. Proper shielding is provided through the aluminium foils ensuring proper grounding and minimizing EMF emission.

The twin series-resistance type heating element is insulated with fluoropolymers having high dielectric strength and exceptional temperature resistance, ensuring complete safety during operation. A flat, flexible two-core power cable is connected to the heating elements from one corner for convenient connections.

A robust hot to cold junction design ensures safety and reliability.



Energy Efficient



Easy Installation



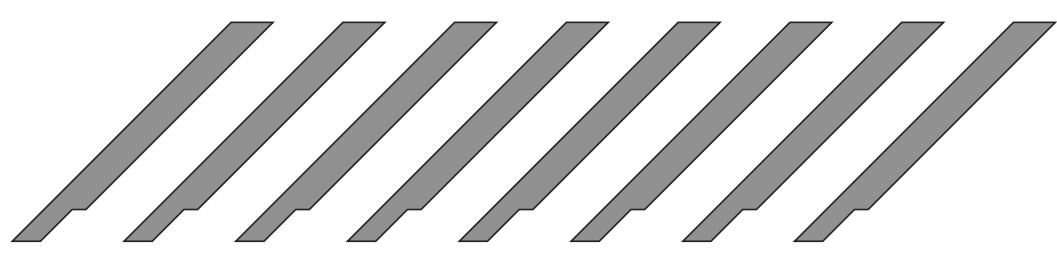
CE Certified



Sustainability



Quality Guarantee



SPECIFICATION

- Heating Elements Twin
- Heating Power Output 80-200 W/m²
- Foil Reinforced aluminum foil
- Foil width (Nom.) 500mm (0.5 m)
- Rated voltage 230V AC, 50 Hz
- Cold lead length (Nom.) 3.0m
- Compliance EN 60335-1, EN 60335-2-96, EN 62233

MAT CONSTRUCTION

- Heating conductor
- Fluoropolymer insulation
- Braiding (Optional)
- Reinforced aluminum foil
- Cold Lead

TECHNICAL DATA FOR LAMINATE FLOOR MATS (LFM)

Area (Sq m)	Product code	Wattage (W)
1.0	SC-LFM-80-80	80
1.5	SC-LFM-80-120	120
2.0	SC-LFM-80-160	160
2.5	SC-LFM-80-200	200
3.0	SC-LFM-80-240	240
3.5	SC-LFM-80-280	280
4.0	SC-LFM-80-320	320
4.5	SC-LFM-80-360	360
5.0	SC-LFM-80-400	400
6.0	SC-LFM-80-480	480
7.0	SC-LFM-80-560	560
8.0	SC-LFM-80-640	640
9.0	SC-LFM-80-720	720
10.0	SC-LFM-80-800	800
11.0	SC-LFM-80-880	880
12.0	SC-LFM-80-960	960

Product code	Wattage (W)
SC-LFM-140-140	140
SC-LFM-140-210	210
SC-LFM-140-280	280
SC-LFM-140-350	350
SC-LFM-140-420	420
SC-LFM-140-490	490
SC-LFM-140-560	560
SC-LFM-140-630	630
SC-LFM-140-700	700
SC-LFM-140-840	840
SC-LFM-140-980	980
SC-LFM-140-1120	1120
SC-LFM-140-1260	1260
SC-LFM-140-1400	1400
SC-LFM-140-1540	1540
SC-LFM-140-1680	1680

Product code	Wattage (W)
SC-LFM-200-200	200
SC-LFM-200-300	300
SC-LFM-200-400	400
SC-LFM-200-500	500
SC-LFM-200-600	600
SC-LFM-200-700	700
SC-LFM-200-800	800
SC-LFM-200-900	900
SC-LFM-200-1000	1000
SC-LFM-200-1200	1200
SC-LFM-200-1400	1400
SC-LFM-200-1600	1600
SC-LFM-200-1800	1800
SC-LFM-200-2000	2000
SC-LFM-200-2200	2200
SC-LFM-200-2400	2400

Note

1. Laminate floor mats can also be custom-built as per specific requirements.