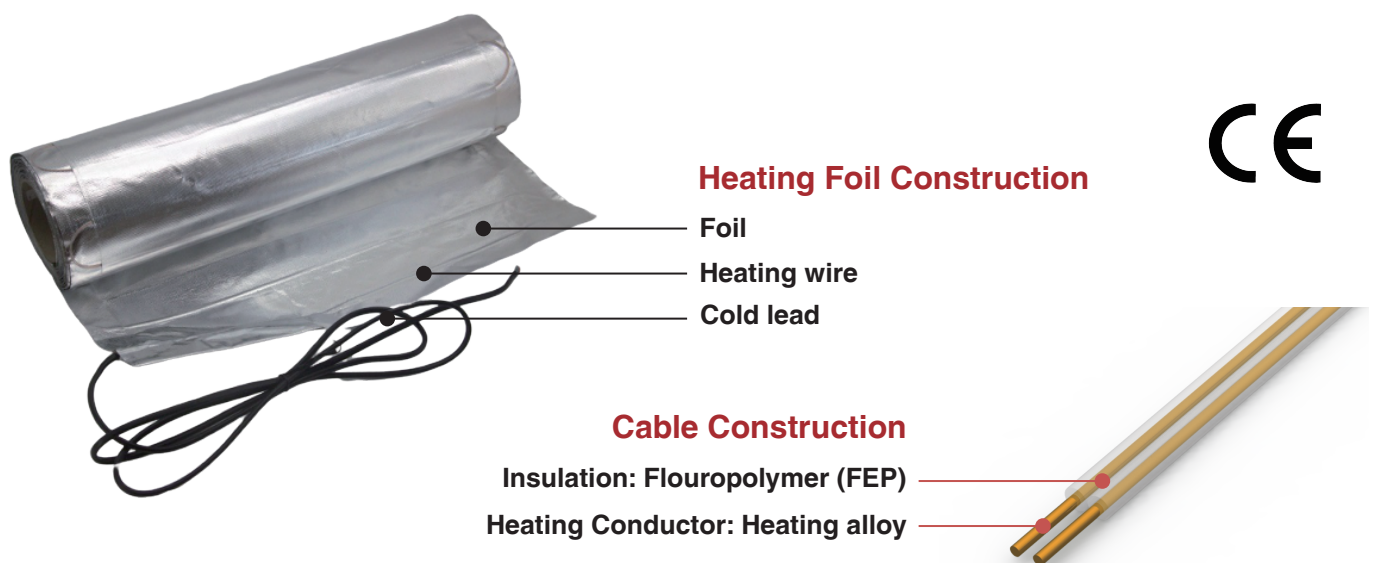# ULM

Under Laminate Heating Foil

Description

Under laminate heating foils are designed for use under laminate, engineered and most solid wood floors, having the heating cable pre-spaced onto an Aluminum foil. They are quick and easy to install, making them the perfect off-the-shelf product for DIY markets. The matting can be cut and turned to fit any room and navigate around fixed obstacles. Installed directly beneath the floor covering, increasing floor level by only 2 mm.

With our expertise in heat tracing industry, we are able to design and deliver strong, durable and safe underfloor heating wires and mats. ULM heating mats are CE approval.

Heating Foil Construction

- Foil
- Heating wire
- Cold lead

Cable Construction

- Insulation: Flouropolymer (FEP)
- Heating Conductor: Heating alloy

Features

- Even heat distribution
- Prevent the wood floor from wrapping
- Toughest and thinnest wire (only 2 mm thick)
- No installation experience is necessary
- Easy installation, save time and labor
- Energy and cost efficient
- CE approved

Performance

- Apply Voltage: 230V
- Power: 140 W/m² (other output wattage also available by request)
- Cable Construction: Multi-strand conductor, twin cores
- Cable Diameter: ø2 mm
- Cold Tail Length: 2 m
- Covering & Screen: Aluminum foil
- Mat Width: 50 cm

Ordering Information

Model Number	Mat Size (m x m)	Area (m²)	Total Power (W)	Total Current (A)
ULM140SM3-0010	0.5 x 2	1	140	0.6
ULM140SM3-0015	0.5 x 3	1.5	210	0.9
ULM140SM3-0020	0.5 x 4	2	280	1.2
ULM140SM3-0025	0.5 x 5	2.5	350	1.5
ULM140SM3-0030	0.5 x 6	3	420	1.8
ULM140SM3-0035	0.5 x 7	3.5	490	2.1
ULM140SM3-0040	0.5 x 8	4	560	2.4
ULM140SM3-0045	0.5 x 9	4.5	630	2.7
ULM140SM3-0050	0.5 x 10	5	700	3.0
ULM140SM3-0060	0.5 x 12	6	840	3.7
ULM140SM3-0070	0.5 x 14	7	980	4.3
ULM140SM3-0080	0.5 x 16	8	1120	4.9
ULM140SM3-0090	0.5 x 18	9	1260	5.5
ULM140SM3-0100	0.5 x 20	10	1400	6.1
ULM140SM3-0110	0.5 x 22	11	1540	6.7
ULM140SM3-0120	0.5 x 24	12	1680	7.3

Further Information

Please consult the appropriate termination instructions and the E-POLY Installation, Testing and Maintenance Manual for further details.