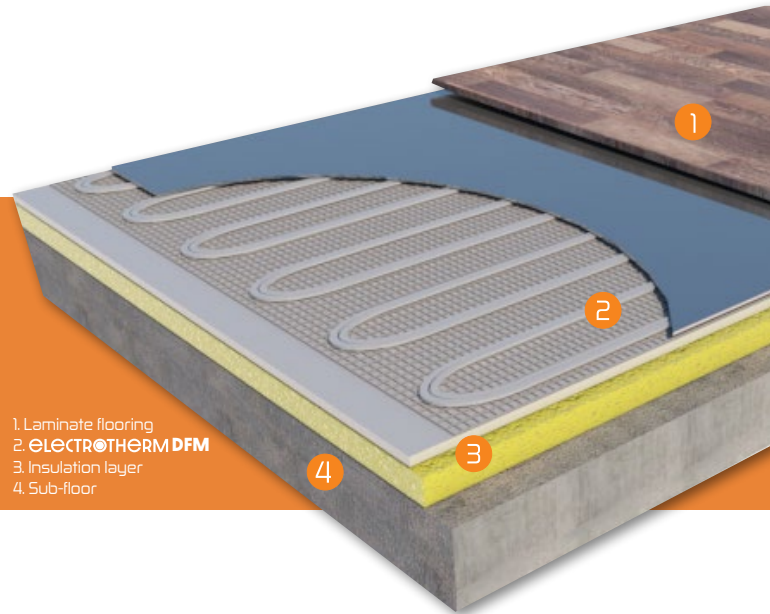


DFM

Double-core Aluminium Foil Underfloor Heating Mat



1. Laminate flooring
2. ELECTROTHERM DFM
3. Insulation layer
4. Sub-floor

PRODUCT INFORMATION

Application

ELECTROTHERM **DFM** electric underfloor heating mats provide excellent heating performance for new and existing developments. The system can be installed below various floor finishes including laminate, parquet and carpet flooring. The thin underfloor heating mats have minimal impact on the floor construction, making them the ideal solution for projects where room space is at a premium.

Product Design

ELECTROTHERM **DFM** electric underfloor heating mats feature double core heating wires, fixed on fiber mesh. As the wires are fixed to the mesh there is no need to adjust wire spacing and fix cables to the floor as you would with traditional underfloor heating systems. Aluminium foil is applied on both sides of the mat to deliver optimum heating performance. The DFM mats feature only one connection wire, simplifying installation and reducing cost. The mat is fitted with a cold lead, a reliable coupling and end termination.



Key Benefits



Suitable for laminate and parquet flooring



Earthing provides electrical safety



Cost and energy saving solution




Easy Installation

Technical Information


Rated Voltage	230 vac
Power	150 W/m ²
Maximum operation temperature	80°C
Minimum operation temperature	-10°C
Minimum storage temperature	-20°C
Minimum installation temperature	-10°C
Installation width	0.5m
Cold lead length for 150 W/m ²	4m
Cable diameter	1.18-1.62mm

Product Reference

Type of heating mat	DFM
Power in watts	225 W
Area	1.5 m ²
Power per square metre	150


DFM-225-1.5/150

Installation

A thermostat with a suitable temperature sensor is required when installing  **DFM** underfloor heating mats. The temperature sensor should be embedded in the concrete floor and inside a corrugated tube in the middle of one cable loop. Install the thermostat in your preferred location.

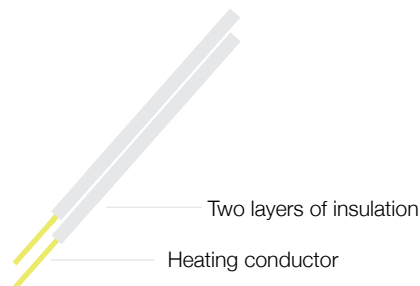
Please consult all technical data and installation guides to ensure correct installation.

PRODUCT RANGE OPTIONS

150 w/m² DFM

TYPE	AREA M2	POWER, W	CABLE LENGTH, M
DFM-150-1.0/80	1.0	150	18.0
DFM-225-1.5/80	1.5	225	31.0
DFM-300-2.0/80	2.0	300	40.0
DFM-375-2.5/80	2.5	375	50.0
DFM-450-3.0/80	3.0	450	54.0
DFM-525-3.5/80	3.5	525	64.0
DFM-600-4.0/80	4.0	600	65.0
DFM-675-4.5/80	4.5	675	77.0
DFM-750-5.0/80	5.0	750	92.0
DFM-900-6.0/80	6.0	900	196.0
DFM-1050-7.0/80	7.0	1050	137.0
DFM-1200-8.0/80	8.0	1200	156.0
DFM-1350-9.0/80	9.0	1350	176.0
DFM-1500-10.0/80	10.0	1500	185.0
DFM-1800-12.0/80	12.0	1800	206.0
DFM-2250-15.0/80	15.0	2250	283.0

Cable Design



Associated Products

 **ELECTROTHERM** Thermostats

 **ELECTROTHERM** Temperature sensors

Please see the associated technical data sheet or contact us directly for more information

Approved Details

The compliance with all necessary requirements is approved by appropriate certificates:

