

FEATURES

- ✓ Safe solution for laminate and parquet flooring
- ✓ Electrical safety due to earthing
- ✓ Cost and energy saving system
- ✓ Easy installation

DESCRIPTION

Application

The DFM heating mat with aluminium foil is applied as a supplementary system for comfortable floor heating. The system can be used under laminate, parquet or carpet. It is applicable for all types of premises and can be easily installed both on a new surface or on the existing floor in case of repair works, especially when it is highly important to keep a low thickness of the floor construction.

Construction

The double-core heating mat DFM is made of double-core thin wires, fixed on a fiber mesh covered with aluminium foil on both sides. The DFM heating mat is fitted up with a cold lead, a reliable coupling and end termination. Thanks to the cable fixation on the mesh – there is no need to adjust the wire spacings and to fix the cable on the floor surface. Due to only one connection wire, the double-core mat construction makes the process of installation easier and reduces installation cost.

APPLICATION

Application		Installation	
Direct heating	<input type="checkbox"/>	Mortar	<input type="checkbox"/>
Comfort heating	<input checked="" type="checkbox"/>	Tile adhesive layer	<input type="checkbox"/>
	<input type="checkbox"/>	Floating	<input checked="" type="checkbox"/>

CONTENT OF DELIVERY

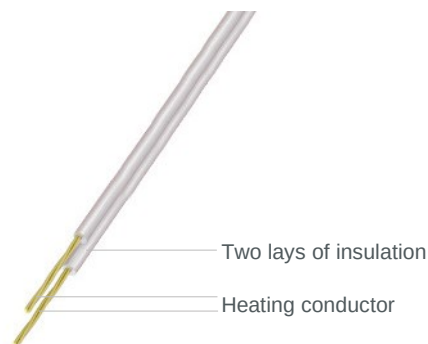


Double-core heating mat DFM



CABLE DESIGN

Double-core heating cable FMD



TECHNICAL DATA

Rated Voltage	230 VAC
Power	80, 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	0,5 m
Cold lead length for 150 W/m ²	4 m
Cable diameter	1.18-1.62 mm

ORDERING INFORMATION

Heating mat

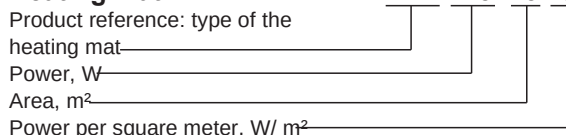
Product reference: type of the heating mat

Power, W

Area, m²

Power per square meter, W/ m²

DFM-225-1.5/150



PRODUCT REFERENCES

Double-core heating mat DFM 80 W/m ²			
Type	Area, m ²	Power, W	Cable length, m
DFM-80-1.0/80	1.0	80	19.0
DFM-120-1.5/80	1.5	120	29.0
DFM-160-2.0/80	2.0	160	35.0
DFM-200-2.5/80	2.5	200	34.0
DFM-240-3.0/80	3.0	240	50.0
DFM-280-3.5/80	3.5	280	64.0
DFM-320-4.0/80	4.0	320	75.0
DFM-360-4.5/80	4.5	360	84.0
DFM-400-5.0/80	5.0	400	86.0
DFM-480-6.0/80	6.0	180	109.0
DFM-560-7.0/80	7.0	560	125.0
DFM-640-8.0/80	8.0	640	135.0
DFM-720-9.0/80	9.0	720	187.0
DFM-800-10.0/80	10.0	800	200.0
DFM-960-12.0/80	12.0	960	240.0
DFM-1200-15.0/80	15.0	1200	283.0

INSTALLATION

For the installation of the heating mat a thermostat with an appropriate temperature sensor is required. The temperature sensor is also embedded in the cement mortar. It should be placed in a corrugated tube in the middle of one cable loop. The thermostat should be mounted on the wall in the most suitable place for you. Applicable norms, rules and data sheets as well as instructions and manuals are to be followed! For detailed installation instructions please use the installation manual.

Double-core heating mat DFM 150 W/m ²			
Type	Area, m ²	Power, W	Cable length, m
DFM-150-1.0/150	1.0	150	18.0
DFM-225-1.5/150	1.5	225	31.0
DFM-300-2.0/150	2.0	300	40.0
DFM-375-2.5/150	2.5	375	50.0
DFM-450-3.0/150	3.0	450	54.0
DFM-525-3.5/150	3.5	525	64.0
DFM-600-4.0/150	4.0	600	65.0
DFM-675-4.5/150	4.5	675	77.0
DFM-750-5.0/150	5.0	750	92.0
DFM-900-6.0/150	6.0	900	96.0
DFM-1050-7.0/150	7.0	1050	137.0
DFM-1200-8.0/150	8.0	1200	156.0
DFM-1350-9.0/150	9.0	1350	176.0
DFM-1500-10.0/150	10.0	1500	185.0
DFM-1800-12.0/150	12.0	1800	206.0
DFM-2250-15.0/150	15.0	2250	283.0

APPROVAL DETAILS

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

