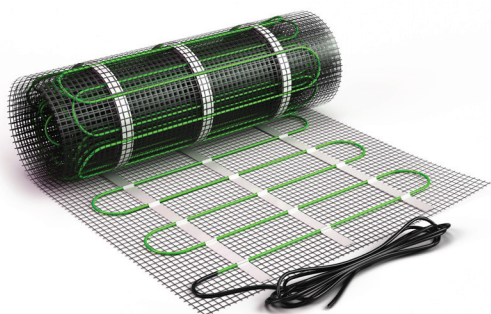


SPECIFICATIONS

Xmat™ MG-150

Thin Heating Mats (c/w Single Cold Tail)



Devex Systems' Xmat™ MG-150 electric floor heating mat is only 3.5mm thick and uses a twin conducting heating cable for ease of installation, with very low EMF. It can be easily installed directly over concrete, fibre cement sheet or F-board insulation and into thin adhesive beds or floor levelling compounds. This means there is minimal increase in the floor height. The system is best utilised on a "time of use" tariff as it is quick to come to the desired temperature. The X mat is 500mm wide and come with a single 3m cold tail. The cables comply with IEC60800:2009.

We recommend the use of F-Board Insulation with electric floor heating to improve warm up times and reduce running costs.

- **20 year warranty**
- Output power based on 230 volts
- Operating Temperature Range: -30°C to +80°C
- Minimum Temperature during Installation: -5°C
- Self adhesive mesh sticks to any clean substrate

TECHNICAL FEATURES

CONSTRUCTION

Cable core	Twin Conductor; single strand
Insulation	Fluoro-polymer
Protection screen	Aluminium foil with copper drain wire
Outer Sheath	Thermal resistant PVC
Outer cable diameter	2.8 - 3.5mm

MECHANICAL PROPERTIES

Minimum Bending Radius	21mm
Pulling Strength	120 N
Deformation Strength	600 N

ELECTRICAL PROPERTIES

Rated Voltage	230 V
Watts Per Square Meter	150 W/m ²

HEATING PROPERTIES

Max Permitted Operating Temp	-30°C to +80°C
Min Installation Temperature	-5°C

TECHNICAL FEATURES (Cont.)

APPLICATION

Heating directly under tiles	✓
Heating in floors with thin levelling bed	✓
In-slab (storage) heating in concrete floors	x
In-screed heating on concrete floors	x
Freezers (frost heave protection)	x
Frost protection	x
Ice and snow melting	x

STOCK PROGRAM

Code No	Output	Description
A1A001	75 W	0.5 m ² Heating Mat with 3m Single Cold Tail
A1A002	150 W	1.0 m ² Heating Mat with 3m Single Cold Tail
A1A003	225 W	1.5 m ² Heating Mat with 3m Single Cold Tail
A1A004	300 W	2.0 m ² Heating Mat with 3m Single Cold Tail
A1A005	375 W	2.5 m ² Heating Mat with 3m Single Cold Tail
A1A006	450 W	3.0 m ² Heating Mat with 3m Single Cold Tail
A1A007	525 W	3.5 m ² Heating Mat with 3m Single Cold Tail
A1A008	600 W	4.0 m ² Heating Mat with 3m Single Cold Tail
A1A010	750 W	5.0 m ² Heating Mat with 3m Single Cold Tail
A1A011	900 W	6.0 m ² Heating Mat with 3m Single Cold Tail
A1A012	1,050 W	7.0 m ² Heating Mat with 3m Single Cold Tail
A1A013	1,200 W	8.0 m ² Heating Mat with 3m Single Cold Tail
A1A014	1,350 W	9.0 m ² Heating Mat with 3m Single Cold Tail
A1A015	1,500 W	10.0 m ² Heating Mat with 3m Single Cold Tail
A1A017	1,800 W	12.0 m ² Heating Mat with 3m Single Cold Tail