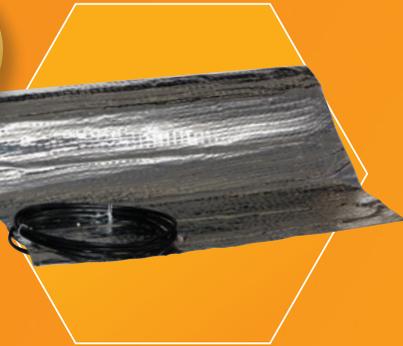


# F Series Foil Heating Mats

WARRANTY  
**10**  
YEAR



## Application

- Specifically designed for use with laminate or engineered wood floors
- Suitable for any room including bathrooms

## Features

- An F Series Foil Heating Mat can be manipulated to fill a space in the same way as a conventional underfloor heating mat
- Low profile design (approximately 2mm thick) keeps the increase in floor height to a minimum
- The heating cables are sandwiched between two layers of aluminium foil for excellent heat distribution
- Pre-wired 3m power lead

## Installation

F Series Foil Heating Mats are installed directly below the final floor surface (laminate or engineered wood).

The mat should be installed on top of a layer of extruded polystyrene sheet which will act as an underlay. This layer will also improve the floor insulation levels, limiting downward heat loss and improving economy. BN Thermic's DEP-6 is ideal for this application.

### Selection Table

Model	kW	Heated Area (m <sup>2</sup> )	Mat Size (m)
F140-010	0.14	1.0	2.0 x 0.5
F140-015	0.21	1.5	3.0 x 0.5
F140-020	0.28	2.0	4.0 x 0.5
F140-030	0.42	3.0	6.0 x 0.5
F140-040	0.56	4.0	8.0 x 0.5
F140-050	0.70	5.0	10 x 0.5
F140-060	0.84	6.0	12 x 0.5
F140-080	1.12	8.0	16 x 0.5
F140-100	1.40	10	20 x 0.5

DEP-6 Insulation/underlay 1250mm x 800mm x 6mm (1m<sup>2</sup>)

LHT High Adhesion tape for DEP-6 (1 roll for 10 boards)

# Thermostats

ALL THERMOSTATS SUPPLIED WITH FLOOR PROBE AND CONDUIT



### A16C

Simple thermostat with on/off switch and temperature adjustment dial (15A)



### U16C

Programmable thermostat (15A)



### T16C-W

Touchscreen programmable thermostat with white surround and built-in energy monitor (16A)



### T16C-S

Touchscreen programmable thermostat with silver surround and built-in energy monitor (16A)



### T16C-B

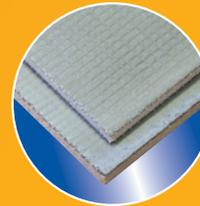
Touchscreen programmable thermostat with black surround and built-in energy monitor (16A)

WIRELESS CONTROL NOW AVAILABLE - CALL BN THERMIC FOR DETAILS

# F-Board Insulation

The use of F-Board rigid insulated tile backer boards is highly recommended when installing M Series heating mats or EHC heating cables. F-Boards significantly reduce downward heat loss, improving both economy and response time. The F-Board-6 (6mm thick) provides an effective insulation barrier where floor build-up must be kept to a minimum. F-Board-10 is recommended for maximum economy where additional floor build-up is acceptable.

Model	Dimensions (mm)
F-Board-6	1200 x 600 x 6
F-Board-10	1200 x 600 x 10



# BNthermic

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# BNthermic

## Electric Underfloor Heating



**NEW LIFETIME WARRANTY ON HEATING MATS & CABLES**

# M Series Heating Mats



Standard Density Mats (150W/m <sup>2</sup> )			
Model	kW	Area (m <sup>2</sup> )	Size (m)
M150-005	0.07	0.5	1.0 x 0.5
M150-010	0.15	1.0	2.0 x 0.5
M150-015	0.22	1.5	3.0 x 0.5
M150-020	0.30	2.0	4.0 x 0.5
M150-025	0.37	2.5	5.0 x 0.5
M150-030	0.45	3.0	6.0 x 0.5
M150-035	0.52	3.5	7.0 x 0.5
M150-040	0.60	4.0	8.0 x 0.5
M150-045	0.67	4.5	9.0 x 0.5
M150-050	0.75	5.0	10 x 0.5
M150-060	0.90	6.0	12 x 0.5
M150-070	1.05	7.0	14 x 0.5
M150-080	1.20	8.0	16 x 0.5
M150-090	1.35	9.0	18 x 0.5
M150-100	1.50	10	20 x 0.5
M150-110	1.65	11	22 x 0.5
M150-120	1.80	12	24 x 0.5
M150-140	2.10	14	28 x 0.5
M150-160	2.40	16	32 x 0.5

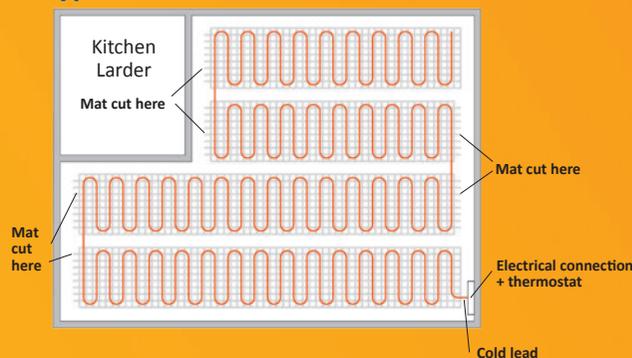
## Application

- Ideal for use under ceramic, stone, slate and marble floors
- Suitable for any room including conservatories, bathrooms, kitchens and wet rooms

## Features

- Twin core heating cable pre-assembled onto a fibreglass web
- Pre-wired 3m power lead
- Continuous earth screen
- Continuous double sided tape on underside of mat

## Typical EHM Installation



## Selection Tables

We suggest using a mat approximately 10% smaller than the free floor area of the room

High Density Mats (200W/m <sup>2</sup> ) Recommended for Conservatories			
Model	kW	Area (m <sup>2</sup> )	Size (m)
M200-010	0.20	1.0	2.0 x 0.5
M200-020	0.40	2.0	4.0 x 0.5
M200-030	0.60	3.0	6.0 x 0.5
M200-040	0.80	4.0	8.0 x 0.5
M200-050	1.00	5.0	10 x 0.5
M200-060	1.20	6.0	12 x 0.5
M200-070	1.40	7.0	14 x 0.5
M200-080	1.60	8.0	16 x 0.5
M200-090	1.80	9.0	18 x 0.5
M200-100	2.00	10	20 x 0.5

# EHC Heating Cables



## Application

- Ideal for use under ceramic, stone, slate and marble floors
- Suitable for any room including conservatories, bathrooms, kitchens and wet rooms
- Especially suited to small and irregular shaped rooms

## Features

- Twin core heating cable
- Pre-wired 3m power lead
- Continuous earth screen
- Every cable supplied with a roll of high adhesion tape

Selection Table			
Model	kW	Heated Area (m <sup>2</sup> )	Cable Length (m)
EHC-012	0.12	0.7 – 1.0	11
EHC-020	0.20	1.1 – 1.5	19
EHC-025	0.25	1.6 – 2.0	24
EHC-032	0.32	2.1 – 2.5	32
EHC-040	0.40	2.6 – 2.9	37
EHC-045	0.45	3.0 – 3.3	46
EHC-052	0.52	3.4 – 3.8	50
EHC-060	0.60	3.9 – 4.5	64
EHC-075	0.75	4.6 – 6.0	76
EHC-095	0.95	6.1 - 7.5	87
EHC-110	1.10	7.6 – 8.5	115
EHC-130	1.30	8.6 – 10.0	131
EHC-170	1.70	10.1 – 13.0	159
EHC-200	2.00	13.1 – 15.5	194

**SEE OVERLEAF FOR CHOICE OF THERMOSTATS AND INSULATION**