



MYHEAT®

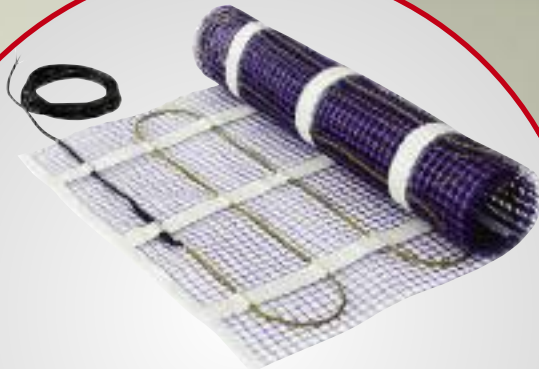
Electric Underfloor Heating Systems

July 2008

The Underfloor Heating Specialists.

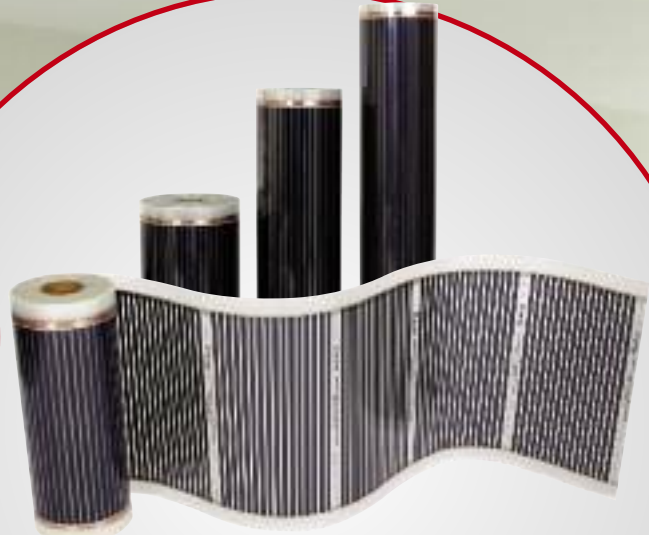
Made in the UK exclusively for Denmans/Clearlight.

We have various options available, so whatever your underfloor heating needs, we probably have the solution that's right for you!



MYHEAT® Classic Heating Mats

Ideal for refurbishment projects in existing dwellings or in new-build extension projects. Either as direct floor heating or as floor storage heating.



MYHEAT® Radiant Heating Film

Radiant floor heating is the modern and easy way to install comfortable floor heating systems that last for decades, requires no maintenance and provides significantly lower running costs than alternative heating systems.



MYHEAT® 3000 -16 Amp Fully Programmable Thermostat and Programmer. Designed to provide an energy efficient heating system which provides the highest levels of comfort and economy combined with energy savings.



MYHEAT® Cable Kits

Offers the versatility of a choice of cable spacing to provide the appropriate power rating and suits rooms with irregular floor areas where a heating mat might be awkward to lay.



(Not to scale) *Subject to availability

FREE design and quote service*

We also offer a FREE design and quote service, by return during business hours. Simply give us the room dimensions and some key details and we will prepare a scheme and quote for you FREE OF CHARGE and with NO OBLIGATION.

MYHEAT®

Electric Underfloor Heating Systems

MYHEAT® Electric underfloor heating systems are made in the UK exclusively for Denmans/Clearlight.

Tel: 02895 811 003 Fax: 01666 822 422

www.myheat.co.uk



Figure 1



Figure 2

MYHEAT® 3000

The 16 Amp Fully Programmable Thermostat and Programmer is designed to provide an energy efficient system which provides the highest levels of comfort and economy combined with energy savings.

We've thought of everyone

MYHEAT® 3000 is Ideal for installers as they can select the desired controller function 'on-site'. If the customer wants a basic manual thermostat the installer can simply change the slider switch setting.

If the customer changes their mind it can easily be re-set as a fully programmable controller again using the slider switch or the menu based program.



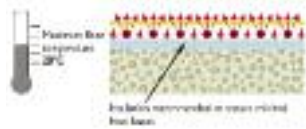
MYHEAT® 3000	
Order Code	Price
MH3000	£66.00
MH3000 ^{SILVER}	£76.00

MYHEAT® Classic Heating Mats Ideal for refurbishment projects in existing dwellings or new-build extensions.

MYHEAT® Classic is ideal for refurbishment projects in existing dwellings or in new-build extension projects. Either as direct floor heating or as floor storage heating. (See Figure 1).

There is no need to remove existing ceramic floor tiles - you can install the MYHEAT® Classic heating mats directly on top of the existing tiles and then tile over them as normal. There is normally no need to reduce door heights or raise skirting boards.

MYHEAT® Classic is ideally suited to installation within the adhesive layer, the method preferred by professional floor tilers when laying ceramic tiles.



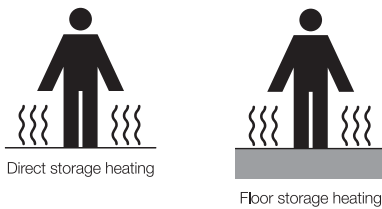
MYHEAT® electric underfloor heating systems are clean, quiet in operation, 100% efficient at the point of use and require absolutely no maintenance at all.

MYHEAT® underfloor heating is one of the most energy efficient means of heat delivery in existence.

Installation into bathrooms and wet areas (See Figure 2).

MYHEAT® Classic heating mats have an earthed metallic sheath beneath their outer jacket.

MYHEAT® complies fully with the requirements of Section 701.753 of the IEE wiring regulations BS 7671:2008 and may be embedded in the floor below any zone of the bathroom or shower room.

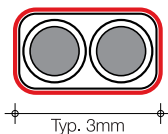


Naturally, MYHEAT® Classic is the latest twin conductor design that complies with the very latest EMC and electrical safety standards. Although we design and make our products in our UK factory we have them tested by KEMA.

MYHEAT® Classic has a single earth-sheathed 3 metre long 'cold tail' connections lead (only one connection cable to the thermostat).

MYHEAT® - Technical Data

- Voltage: 230V ~ 50Hz.
 - Protection against electric shock: Class 2.
 - Earth shield.
 - 1.0 mm² csa connection lead < 1600 Watts.
 - 1.5 mm² csa connection lead > 1600 Watts.
 - Dielectric strength: 4000V dc between conductors and earth.
 - Leakage current between conductors and earth: < 0.5 mA.
 - Insulation resistance: > 50 Meg. ohms at 500V dc Megger test.
- (All information for guidance only).



0.5m Wide Order Code	Area to be heated (m ²)	Heating Load (W)	Price
100 W/m² for wooden floors.			
MH4000	1.0	100	£57.00
MH4001	1.5	150	£76.00
MH4002	2.0	200	£86.00
MH4003	2.5	250	£100.00
MH4004	3.0	300	£109.00
MH4005	4.0	400	£144.00
MH4006	5.0	500	£165.00
MH4007	6.0	600	£186.00
MH4008	7.0	700	£220.00
MH4009	8.0	800	£230.00
MH4010	9.0	900	£250.00
MH4011	10.0	1000	£275.00
150 W/m² for concrete floors.			
MH4012	1.0	150	£52.00
MH4013	1.5	225	£75.00
MH4014	2.0	300	£86.00
MH4015	2.5	375	£103.00
MH4016	3.0	450	£109.00
MH4017	4.0	600	£146.00
MH4018	5.0	750	£170.00
MH4019	6.0	900	£186.00
MH4020	7.0	1050	£219.00
MH4021	8.0	1200	£237.00
MH4022	9.0	1350	£260.00
MH4023	10.0	1500	£293.00
200 W/m² for concrete floors and high heat loss areas.			
MH4024	1.0	200	£57.00
MH4025	1.5	300	£76.00
MH4026	2.0	400	£91.00
MH4027	2.5	500	£107.00
MH4028	3.0	600	£118.00
MH4029	4.0	800	£153.00
MH4030	5.0	1000	£178.00
MH4031	6.0	1200	£212.00
MH4032	7.0	1400	£238.00
MH4033	8.0	1600	£272.00
MH4034	9.0	1800	£293.00
MH4035	10.0	2000	£322.00

MYHEAT® 3000 - Specification

- I/O button to switch ON ~ OFF.
- Tamper proof lock for controls (2 levels).
- Protected against loss of data during power cuts.
- Frost protection to 5°C.
- Floor temperature range 10°C to 45°C.
- Room temperature range 5°C to 35°C.
- Stand by power < 500 mW (1/2 Watt).
- Voltage 230/240V: 50Hz.
- Dimensions: 86 x 86 x 55 mm.
- Shows when replacement battery is required.
- Floor sensor (3m lead) supplied.



Figure 3

(Figure 3). MYHEAT® carbon film heating elements are shown installed and ready for the floor covering.



Figure 4

(Figure 4). MYHEAT® carbon film heating elements are ideal under floating hardwood floors or laminate.

MYHEAT® Radiant Heating Film carbon film elements for all types of floor heating – refurbishment and new-build.

Order Code	Length (m)	Heat (W)	Line Amps	Price
MYHEAT® Film 50 Width 500mm including 20mm selvage/side				
MH4036	1.0	65	0.27	£40.00
MH4037	1.5	98	0.41	£50.00
MH4038	2.0	130	0.54	£60.00
MH4039	2.5	163	0.68	£70.00
MH4040	3.0	195	0.81	£80.00
MH4041	3.5	228	0.95	£90.00
MH4042	4.0	260	1.08	£100.00
MH4043	4.5	293	1.22	£110.00
MH4044	5.0	325	1.35	£120.00
MH4045	5.5	358	1.49	£130.00
MH4046	6.0	390	1.63	£140.00
MH4047	6.5	423	1.76	£150.00
MH4048	7.0	455	1.9	£160.00
MH4049	7.5	488	2.03	£170.00
MH4050	8.0	520	2.17	£180.00

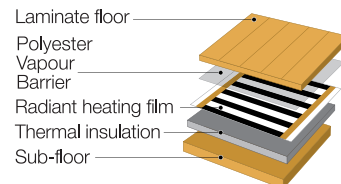
Order Code	Length (m)	Heat (W)	Line Amps	Price
MYHEAT® Film 80 Width 800mm including 30mm selvage/side				
MH4051	1.0	104	0.43	£46.00
MH4052	1.5	156	0.65	£56.00
MH4053	2.0	208	0.87	£70.00
MH4054	2.5	260	1.08	£81.00
MH4055	3.0	312	1.3	£92.00
MH4056	3.5	364	1.52	£104.00
MH4057	4.0	416	1.73	£115.00
MH4058	4.5	468	1.95	£126.00
MH4059	5.0	520	2.17	£137.00
MH4060	5.5	572	2.38	£149.00
MH4061	6.0	624	2.6	£160.00
MH4062	6.5	676	2.82	£171.00
MH4063	7.0	728	3.03	£182.00
MH4064	7.5	780	3.25	£194.00
MH4065	8.0	832	3.47	£205.00

Order Code	Length (m)	Heat (W)	Line Amps	Price
MYHEAT® Film 100 Width 1010mm including 20mm selvage/side				
MH4066	1.0	130	0.54	£51.00
MH4067	1.5	195	0.81	£62.00
MH4068	2.0	260	1.08	£77.00
MH4069	2.5	325	1.35	£90.00
MH4070	3.0	390	1.63	£102.00
MH4071	3.5	455	1.9	£115.00
MH4072	4.0	520	2.17	£127.00
MH4073	4.5	585	2.44	£140.00
MH4074	5.0	650	2.71	£152.00
MH4075	5.5	715	2.98	£165.00
MH4076	6.0	780	3.25	£177.00
MH4077	6.5	845	3.52	£190.00
MH4078	7.0	910	3.79	£202.00
MH4079	7.5	975	4.06	£215.00
MH4080	8.0	1040	4.33	£227.00

MYHEAT® Film radiant floor heating is the modern and easy way to install comfortable floor heating systems that last for decades, requires no maintenance and provides significantly lower running costs than alternative heating systems (such as ducted warm air, oil or gas fired systems with traditional hot water radiators).

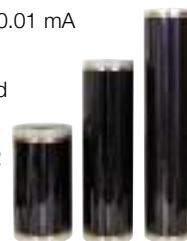
Probably providing greater comfort than any other heating system, MYHEAT® Film is the most efficient means of heat delivery in existence. It is a low temperature system which emits radiant heat energy (like that from the sun) to provide unrivalled comfort. Allergy sufferers will benefit from the near absence of air circulation, dust and dryness associated with traditional heating systems.

Installed as part of a refurbishment or new-build project, MYHEAT® Film radiant floor heating can be mounted on top of concrete or timber sub-floors or built into floors so that you can apply any floor finish that you wish. It is ideal for installation where the intended floor finish will be a floating hardwood, wood laminate or wooden parquet floor. It is also equally suitable for carpets, vinyl, Hessian, ceramic tiles and just about any floor finish that you wish.



MYHEAT® - Technical Data

- Voltage: 230V ~ 50Hz
- Output rating: 130 W/m²
- Radiant energy: Far Infrared 5-20 microns (µm)
- Insulation strength: 3000V between conductors and earth.
- Leakage current between conductors and earth – 0.01 mA
- Protection against electric shock: basic insulation.
- 1.5 mm² csa x 3m long Brown (L) connection lead
- 1.5 mm² csa x 3m long Blue (N) connection lead
- Approved to safety standard BS EN 60335-1:2002
- Complies with Low Voltage Directive 2006/95/EC
- Complies with EMC Directive 89/336/EEC
- CE marked and complies with all relevant standards



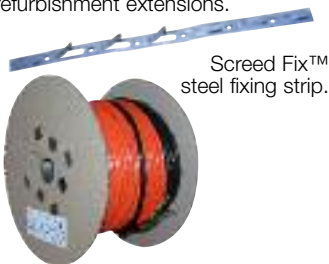
For the technically minded

MYHEAT® Film carbon film heating element is only a fraction of a millimetre thick. It comprises a thin layer of semi-conductive carbon printed onto a base layer of PET polyester film. Copper electrodes, connecting the mains supply across the semi-conductive carbon, causing current flow, extend the full length of the element. A second layer of PET polyester film is laminated over the base layer to encapsulate everything hermetically. Electrical connection leads are provided at one end of the element. MYHEAT® Film elements may be connected together in parallel as required.

This professional electric underfloor heating kit is the ideal solution for screeded floors in conservatories and new build or refurbishment extensions.

MYHEAT® 20W Screed Kits complete with:

- MYHEAT® 3000 fully programmable thermostat.
- MYHEAT® In-screed heating cable rated 20W/m.
- Screed Fix™ Galvanised steel fixing strip.
- Floor sensor to measure temperature.
- Flexible conduit for floor sensor.
- Heavy duty adhesive tape.
- Full installation instructions supplied.



MYHEAT® In-screed heating cable

Easy Planning and Installation.

- Choose the kit that suits the application.
- Prepare the sub-floor.
- Plan the cable runs and site the thermostat.
- Secure Screed Fix™ fixing strip.
- Lay the heating cable at the correct spacing.
- Secure the heating cable to the Screed Fix™.
- Run the cold tail cable through conduit to the thermostat.
- Install the floor sensor and run the conduit to the thermostat.
- Get an electrician (Part P qualified) to connect up to the mains.

Order Code	Cable length (Metres)	Heating Power (Watts)	Cable current (Amps)	125 W/m ² Area (m ²) C-C=16cm	140 W/m ² Area (m ²) C-C=14.3cm	160 W/m ² Area (m ²) C-C=12.5cm	200 W/m ² Area (m ²) C-C=10cm	Price
MHK 150	7.5	150	0.63	1.2	1.1	0.9	0.8	£95.50
MHK 300	15	300	1.25	2.4	2.1	1.9	1.5	£112.00
MHK 450	22.5	450	1.88	3.6	3.2	2.8	2.3	£128.50
MHK 600	30	600	2.50	4.8	4.3	3.8	3.0	£145.00
MHK 750	37.5	750	3.13	6	5.4	4.7	3.8	£161.50
MHK 900	45	900	3.75	7.2	6.4	5.6	4.5	£178.00
MHK 1050	52.5	1050	4.38	8.4	7.5	6.6	5.3	£194.50
MHK 1250	62.5	1250	5.21	10	8.9	7.8	6.3	£211.00
MHK 1400	70	1400	5.83	11.2	10.0	8.8	7.0	£227.50
MHK 1550	77.5	1550	6.46	12.4	11.1	9.7	7.8	£244.00
MHK 1750	87.5	1750	7.29	14	12.5	10.9	8.8	£260.50
MHK 2000	100	2000	8.33	16	14.3	12.5	10.0	£277.00
MHK 2200	110	2200	9.17	17.6	15.7	13.8	11.0	£293.50
MHK 2400	120	2400	10.00	19.2	17.2	15.0	12.0	£310.00



MYHEAT® Thermostat

MYHEAT® Cable Kits contain everything that you may need in one carton.

The popular MYHEAT® Cable Kits contain everything that you may need in one carton:

- 1 - MYHEAT® Thermostat
- 2 - 15W/m heating cable
- 3 - conduit for floor sensor
- 4 - Vysa-Bond™ PVA primer
- 5 - paint roller for primer
- 6 - waterproof strong adhesive tape



MYHEAT® Cable Kits are versatile because you can choose a cable spacing to provide the appropriate power rating and, they suit rooms with irregular floor areas where a heating mat might be awkward to lay.

MYHEAT® Cable Kits 15 W/m (200W/m² to 150W/m²)

Order Code	Length (m)	Power (W)	130W/m ² 115mm Area(m ²)	150W/m ² 150mm Area(m ²)	200W/m ² 75mm Area(m ²)	Price
MHCK 300	20	300	2.3	2	1.5	£120.00
MHCK 400	26	400	3	2.6	2	£140.00
MHCK 600	40	600	4.6	4	3	£165.00
MHCK 800	53	800	6.1	5.3	4	£195.00
MHCK 1000	66	1000	7.6	6.6	5	£230.00
MHCK 1400	93	1400	10.7	9.3	7	£270.00
MHCK 1600	106	1600	12.2	10.6	8	£315.00
MHCK 1800	119	1800	13.7	12	9	£365.00
MHCK 2000	133	2000	15.3	13.3	10	£420.00

MYHEAT® Thermal Insulation must be laid before you install radiant underfloor heating system.

MYHEAT® thermal insulation - must be laid before you install radiant underfloor heating system.

6mm thick insulation provides:

- Protection against the heating elements being damaged.
- Prevention of heat losses into the sub-floor.
- Channels can be cut for wiring runs and floor sensor.
- Sound insulation to 'quieten' laminate floors.



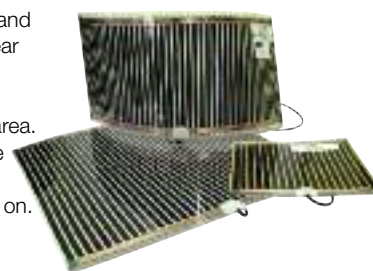
MYHEAT® Thermal Insulation

Order Code	Thickness (mm)	Sheet size (area of 1m ²)	Price
MH2437	3	1250 x 800mm	£6.00
MH2438	6	1250 x 800mm	£8.00

MYHEAT® Mirror Demister a simple solution to a misted up mirror.

With MYHEAT® Mirror Demister installed behind your mirror and connected to the bathroom lighting circuit you can view a clear mirror even though the bathroom is full of steam.

MYHEAT® will fit on most types of mirror. On large mirrors several mirror demisters can be combined to cover a larger area. Self-adhesive backing to the heater pad sticks directly to the mirror. Connect to the existing room light circuit so that the heater pad operates automatically when the light is switched on.



MYHEAT® Mirror Demisters

Order Code	Dimensions (mm)	Heating (Watts)	Price
MH1306	274 x 274	15	£29.50
MH1307	274 x 574	30	£38.50
MH1308	524 x 524	50	£43.50
MH1309	524 x 1024	105	£49.50



All offers strictly while stocks last. Subject to Denmans/Clearlight terms and conditions. Prices exclude VAT. All information for guidance only. Pictures for illustrative purposes only.

