



# **MAGNUM<sup>®</sup> Enerfoil**

## Electrical low voltage floor heating foil

The ENERfoil Advanced Floor Heating System has been designed to operate at low voltage (24/28v) - 80 watts or 110 watts and is only 0.2mm thick. It is simple to install and can be used on concrete or wooden floors without screeding. It is very economical to run and is suitable for use under tiles, stone, marble, slate, wood laminate, vinyl\* and even carpets\*!! (\* = Laid on walkways avoiding high pressure points). The simplicity and strength of this product make it suitable for installation in either dry areas such as living areas and kitchens or wet areas such as bathrooms in hotels, hospital or domestic situations.

An economical and 100% safe low voltage system that floors and homes are warming to.



#### **Applications:**

- Directly under tiles, stone, marble, slate, wood, laminate vinyl and even carpets
- Under carpets on existing tile- or wooden floors
- Bathrooms
- Living rooms
- Kitchens
- Conservatories
- Caravans
- Offices
- Dog Kennels

#### **Sectors:**

- Homes
- Hotels
- Hospitals
- Offices
- Recreation

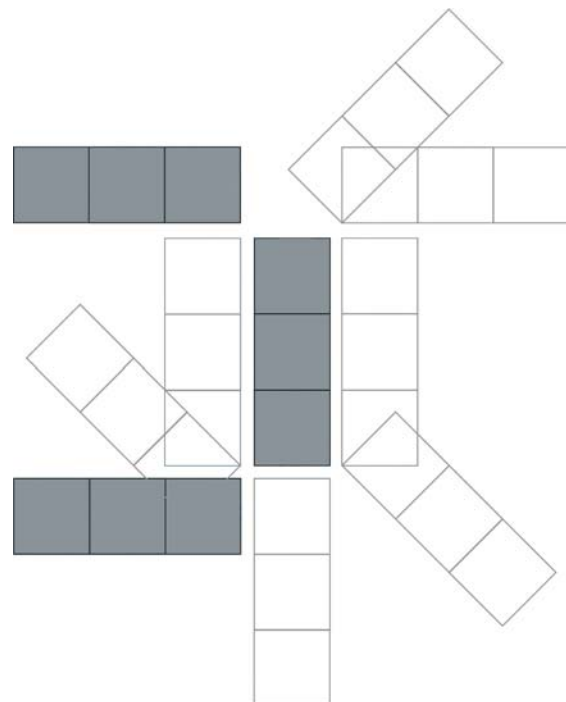
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## Technical data

The Enerfoil system is designed to raise the temperature of the flooring material by generating an even constant heat. The actual temperature maintained will vary according to the ambient temperature, floor covering, insulation and the selected voltage.

The system comprises of a number of manufactured panels which are 600mm wide and come in lengths from 0.5m to 4.0m but always in multiples of 0.5m i.e. 1.0m, 1.5m etc and can be used in different configurations to get the best possible floor coverage. Other widths are available. A low voltage AC current, supplied via a transformer powers the heating panels. The size of transformer is determined by the number of panels used in the installation. The free design service is available for all customers.

Following the instructions contained in the installation sheet will ensure the reliable and effective operation of your ENERfoil Low Voltage Underfloor Heating System.



Product Code	Size	Segments	Power at 28V	Amperage	Ohm
EN55005	60 x 50 cm	1	33 watt	1.2	23.3
EN55010	60 x 100 cm	2	65 watt	2.33	12.0
EN55015	60 x 150 cm	3	95 watt	3.41	8.2
EN55020	60 x 200 cm	4	122 watt	4.38	6.4
EN55025	60 x 250 cm	5	147 watt	5.28	5.3
EN55030	60 x 300 cm	6	166 watt	5.96	4.7
EN55035	60 x 350 cm	7	186 watt	6.67	4.2
EN55040	60 x 400 cm	8	201 watt	7.18	3.9

**Transformers available:**

Product Code	Max Rating	Maximum Segments	Voltage max	Amperage
40VA	40 VA	1	28 V	0,14 A
80VA	80 VA	2	28 V	0,28 A
125VA	125 VA	3	28 V	0.65 A
EN6	180 VA	6	adjustable 24-28 V	1.00 A
EN12	450 VA	12	adjustable 24-28 V	1.70 A
EN16	610 VA	16	adjustable 24-28 V	2.90 A
750VA	750 VA	27	24 V	2.50 A
1000VA	1000 VA	36	24 V	3.50 A
750VA	750 VA	20	28 V	2.50 A
1000VA	1000 VA	27	28 V	3.50 A

