



eDemist Installation Manual



 **elements**

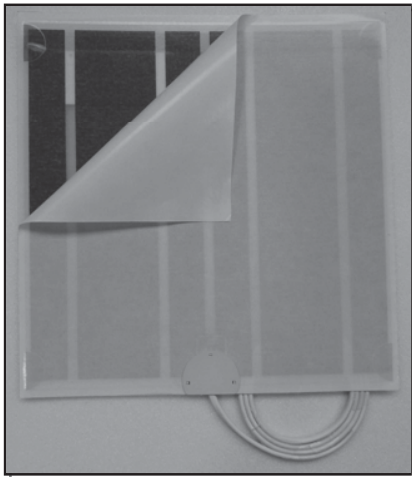
www.electricunderfloorheating.co.uk

Before you begin installing read through these instructions carefully and check that you have all the components required.

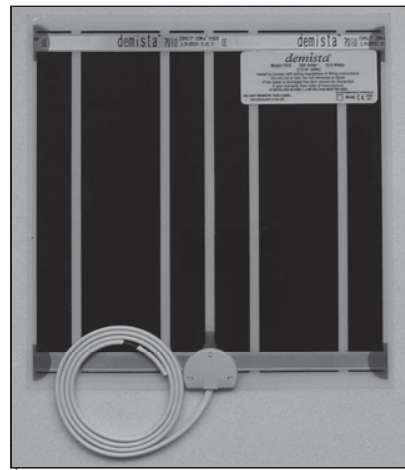


Fitting Instructions

THESE INSTRUCTIONS SHOULD BE FOLLOWED TOGETHER WITH THE MIRROR MANUFACTURER'S INSTALLATION INSTRUCTIONS



SELF ADHESIVE –
To be placed on back of mirror



BACK VIEW –
To be placed facing the wall

Wiring: ELECTRICAL CONNECTIONS MUST BE MADE BY A QUALIFIED ELECTRICIAN TO COMPLY WITH CURRENT WIRING REGULATIONS. *demista*[™] should be connected to the lighting circuit so that it is activated when the light is switched on, or to a separate switch if preferred. The circuit must be protected by a 5Amp fuse or circuit breaker at the distribution board. The wiring to *demista*[™] must incorporate an all pole disconnection.

The wires are coloured in accordance with the following code:

BROWN----- LIVE OR POSITIVE BLUE----- NEUTRAL OR NEGATIVE
Wiring must be covered and inaccessible in compliance with relevant safety standards.

NOTE: IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN

demista[™] is approved to international standards.

POWER RATING: 200W/m²

Low volt models (12 & 24V) *demista*[™] pads installed outside zone 1 can be supplied using a suitably rated and approved low voltage transformer – for example low voltage lighting transformers. However, *demista*[™] pads installed in zone 1 must be supplied by an SELV isolating transformer with the source being outside zone 1.

Multiple pads: Several Pads fitted to a single mirror should be wired in parallel. Care must be taken to ensure that the power supply is sufficient to take the load. Pads must not overlap as this could cause hotspots and possible damage to the mirror.

Cable Length: *demista*[™] is supplied with 1m 0.75mm² double insulated cable. In general, this cannot be lengthened, as there are variable factors that could increase the rating of the cable and render the installation unsafe. If a longer lead is required on site, in accordance with best practice, a heavier duty cable (i.e. lighting cable) can be connected via an approved junction box, which should be inaccessible.

All metal parts surrounding the mirror, e.g. the frame, must be earthed to comply with the IEE Wiring regulations – Seventeenth edition (BS7671:2008) or equivalent national wiring regulations.

A clear advantage in your bathroom

ATTACHING TO THE MIRROR - *demista*TM should be mounted directly onto the mirror back

1. Cut out a recess in the wall to house the terminal moulding so that *demista*TM is flush when fitted.
2. Mark the back of the mirror to indicate where *demista*TM is to be fitted.
3. Peel the protective release paper from the front of *demista*TM.
4. Position one edge of *demista*TM onto the back of the mirror holding the opposite edge away from the mirror.
5. Apply pressure evenly over the full pad as *demista*TM is gradually lowered onto the mirror back.
6. Continue until *demista*TM is completely flat on the mirror back with no air bubbles.
7. Fix *demista*TM mirror assembly to wall.

NOTE: White patches that may appear beneath the film are “de-lamination”. This is caused by the ingress of air between the insulation and element as a result of handling and neither affects the operation of *demista*TM nor is it detrimental in any way.

IMPORTANT: *demista*TM should not be used if the mirror is damaged. To avoid damage to the mirror, and in common with normal practice, the following points must be adhered to:

1. Ensure the wall is firm, flat, level and dry.
2. Mirror must be flat across its entire surface at all times to prevent it cracking.
3. Screws must not be over-tightened and must be adjusted evenly to ensure the mirror is flat.
4. Never rest anything across the mirror surface that will prevent the heat dissipating fully
5. If *demista*TM is to be installed behind irregular shaped mirrors with sharp internal or external corners, or with holes or other cut outs within the mirror, or if the mirror has been weakened in any way, extra care must be taken when positioning *demista*TM not to create any excess stress.

*demista*TM must not be cut or pierced as this will damage the insulation, rendering It unsafe.

As the ambient room temperature rises, so will the surface temperature of the mirror.

*demista*TM must not be accessible once installed.

**THE MANUFACTURER/SUPPLIER CANNOT BE HELD RESPONSIBLE FOR
DAMAGE CAUSED BY IMPROPER INSTALLATION OR USE**