

# demista™

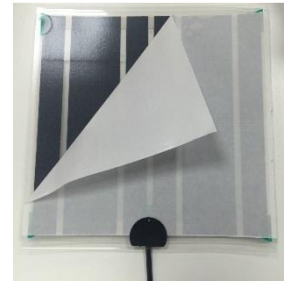
## Fitting Instructions

THESE FITTING INSTRUCTIONS SHOULD BE FOLLOWED TOGETHER WITH THE MIRROR MANUFACTURERS INSTALLATION INSTRUCTIONS



Back View

Must be placed facing the wall



Self – Adhesive

Must be placed on to the mirror

**Wiring:** Electrical connections must be made by a qualified electrician and must comply too the latest wiring regulations. demista™ should be connected to a switched lighting circuit, so that it is activated when the light is turned on. Can be wired through a separate switch if preferred. The circuit must be protected by a 6A MCB and protected by an RCD.

**Brown ....Live or Positive Blue.... Neutral or Negative (all cables must be protected and comply to the latest wiring regulations) Power rating 200w/m<sup>2</sup>**

**Low Voltage models (12v & 24v):** demista™ pads installed outside zone 1 can be installed when using a suitably rated and approved low voltage transformer. When installed in zone 1 a suitable SELV isolating transformer must be used, with the transformer being mounted outside zone 1.

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

**Cable Length:** The pads are supplied with 1.0m of double insulated cable and cannot be lengthened or replaced from the pad itself, when a longer cable is required, a suitable junction box and the correct cable must used. If in Doubt consult a qualified electrician.

**Notes: This product must be fitted by a qualified electrician**

All exposed metal parts surrounding the mirror **Must** be earthed e.g. the frame, The earth connection must comply with the IEE wiring regulations- 17<sup>th</sup> Edition (BS7671-2008) or equivalent national wiring regulations. Mirrors that have a conductive foil backing or metallic covering **Must** be earthed due to a possibility of a small capacitance effect.

**Holes and cut-outs:** If the mirror has any holes, cut-outs, internal, external corners the pad must not be located near the hole, cut-outs or corners as the mirror could crack, before installation please contact your supplier or demista™

**Important:** The demista™ pad should **not** be used if the mirror has any damage, the pad must not be cut or pierced as this will render the pad unsafe to use.

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

Once the demista™ has been installed it must not be accessible.

**The Manufacturer / supplier cannot be held responsible for any damaged caused by improper installation or use.**

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## Fitting Instructions

### Attaching the pad to the mirror

- 1) Ensure that a small recess has been made to accept the terminal moulding on the pad.
- 2) Carefully mark out the rear of the mirror to indicate where the pad is to be installed
- 3) Peel off part of the protective paper from the front of the pad
- 4) Carefully place one edge of the pad onto the back of the mirror, up against your mark
- 5) Carefully apply pressure evenly across the edge of the pad, then proceed to remove the protective paper, supplying even pressure across the pad as the paper is removed.
- 6) Once the whole pad is on the back of the mirror, carefully smooth out all air bubbles.
- 7) Fix the mirror to the wall, according to the adhesive manufacturer's instructions, the adhesive **must** be solvent and acrylic free

**Important: 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 and dry
- 2) The mirror must be flat across its entire surface, an expansion gap **must** be allowed for when installed in tiles or a recess.
- 3) All screw holes must not be over-tightened and must be adjusted evenly to ensure the mirror is flat and has room to expand.
- 4) Never rest anything across the mirror surface that will prevent the heat dissipating fully.

**Note:** White patches that may appear beneath the film are “de-lamination”. This is caused by the ingress of air between the insulation and the element as a result of handling. This has no effects on the operation of the pad nor is it detrimental in any way.

All demista™ pads are manufactured in the **UK** to the highest standards and tested under very strict quality controls, however it is advisable to check the resistance reading for the pad before you adhere the pad to the mirror.

demista™ is approved to international standards.