



A1 | Mirrors

Steam Free Mirror Pads
Installation Instructions

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

INSTRUCTIONS

The pad 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 5 amp fuse or circuit breaker at the distribution board.

The wires are coloured in accordance with the following code:

BLUE - NEUTRAL

BROWN - LIVE OR POSITIVE

Wiring must be covered and inaccessible in compliance with relevant safety standards.

LOW VOLT MODELS: These will operate on either AC or DC supply. Any suitably approved transformer can be used, e.g. as for low voltage lighting, providing it can carry the required current for the proposed load.

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.

All metal parts surrounding the mirror must be earthed included foil backing and comply with wiring regulations section 601 : 16th edition or equivalent national regulations. The electrical installation must be in accordance with the latest I.E.E. wiring regulations to BS 7671 or equivalent national regulations.

Power rating – 200 watts / sq.m

The mirror pads supplied by A1 Mirrors Ltd are approved to international standards

NOTE: IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN

The pads should be mounted directly onto the mirror back.

ATTACHING TO MIRROR

1. Cut out recess in wall to house terminal moulding so that the pad is flush when fitted
2. Mark back of mirror to indicate where the pad is to be fitted
3. Peel protective release paper from front of the pad
4. Position one edge of the pad onto back of mirror holding opposite edge away from mirror
5. Apply pressure evenly over the full pad as the pad is gradually lowered onto mirror back
6. Continue until the pad is completely flat on mirror back with no air bubbles
7. Fix the pad and mirror assembly to wall
8. If mirror / mirror pad assembly is to be bonded to the wall, the adhesive should be applied over the complete area to ensure that the mirror is securely held

NOTE: White patches that might appear beneath the film are 'delamination'. This is caused by the ingress of air between the insulation and element as a result of handling and neither affects the operation of the pad nor is it detrimental in any way.

IMPORTANT

TO AVOID DAMAGE TO THE MIRROR, AND IN COMMON WITH NORMAL PRACTICE, THE FOLLOWING POINTS MUST BE ADHERED TO:

1. Ensure 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 mirror is flat
4. Never rest anything across the mirror surface which will prevent the heat dissipating fully
5. If the pad is to be installed behind irregular-shaped mirrors or if the mirror has been weakened in any way, e.g. by the inclusion of cut outs, extra care must be taken not to create any excess stresses.

The mirror pad must not be cut or pierced as this will damage the insulation, rendering it unsafe.

It is recommended that the mirror pad be switched by the light or dedicated switch. As the ambient room temperature rises, so will the surface temperature of the mirror.

The pad must NOT be accessible once installed.

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