

Mirror Demister Installation Instructions

Installation Overview

- 240V demisters have a self-adhesive backing and are applied directly to the rear of the mirror.
- 12V demisters are designed for mirrored cabinets and must be installed between the mirror and backing board.
- All electrical connections must be carried out by a qualified electrician.
- Demisters can be connected to a lighting circuit or a separate switch.

Safety & Compliance Requirements

- Check the demister pad and mirror for any damage before installation.
- Pads must not be pierced, cut, folded, or overlapped.
- Ensure installation complies with current wiring regulations.
- Provide a means of disconnection in fixed wiring.
- Use appropriate circuit protection (MCB and RCD).
- Do not install near edges, holes, or cut-outs.
- Wall must be flat, dry, and capable of supporting the mirror.
- Allow a 2–3mm expansion gap.
- Pads must not be accessible during operation.

Step-by-Step Installation

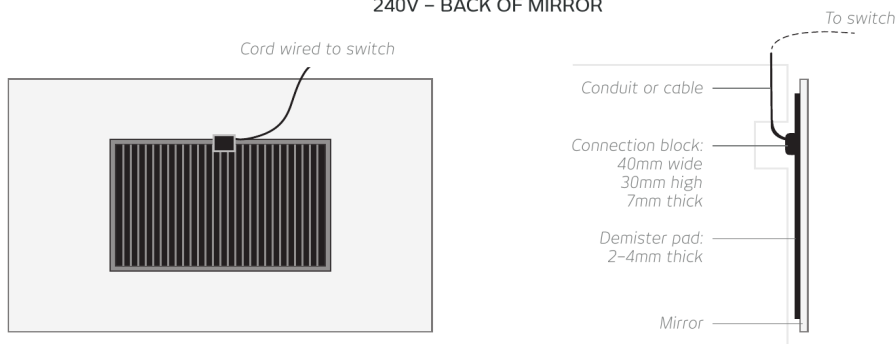
- 1 Inspect the mirror and demister pad for damage.
- 2 Mark the position (minimum 50mm from edges).
- 3 Peel back adhesive film.
- 4 Position the pad.
- 5 Apply even pressure.
- 6 Smooth air bubbles.
- 7 Provide recess for cable if required.
- 8 Connect to electrical supply (electrician required).
- 9 Fix the mirror to the wall.
- 10 Ensure fixings are not overtightened.

Installation Diagrams

Are they easy to install?

240V Radiant demisters have a self-adhesive coating which simply sticks to the back of the mirror. Your electrician needs to make the connection to a switch and the mirror can then be hung or fixed to the wall in the usual way.

240V – BACK OF MIRROR



12V Radiant demisters are used for mirror cabinets. You can sandwich a demister pad between the mirror and a plywood/MDF as long as you ensure the following:

- You are using a 12v demister
- Your cabinet maker will need to router out for both the cable and the connection block so the pad sits flush
- A heat resistant glue/silicone is used to bond the non-adhesive side of the demister to the door

- A suitable 12v transformer is positioned and connected in an accessible location by your electrician (Radiant can supply suitable transformers)
- The connecting cable should be covered with surface mounted conduit and the cable should have enough 'slack' to allow the door to open and close without placing stress or tension on the cable.

12V – BACK OF CABINET MIRROR DOOR

