



Instruction Manual

Concealed Mirror Hanging System

BO 52 082 40

safemax 10® (max. 1.0m² / 5 kg)

incl. 4 plates 100x100 mm

All safemax® sets can also be mounted under wet room conditions and outdoors, as long as they are not exposed to direct rain (temperature range +0° to +60°C)!

ATTENTION:

- Suitable for vertical mounting of mirrors as per DIN EN 1036 (not suitable for antique mirrors or mirrors with special coatings on the back side, e.g. MiroxSafe etc.).
- Back side of mirror has to be clean, dry and free of grease.
- Press each mirror plate with its full surface with a pressure of approx. 200 N (20 kg) for approx. 5 seconds onto the mirror.
- Bonded mirror plates should rest for 30 minutes before mirror is hung up.
- Mirror must be mounted free of tensions.

Preparation for mounting

Mark position of the mirror on the wall by holding it against the wall and marking the mirror edges.

Preparation of mirror

Place the mirror with its back side facing upwards on a flat, clean surface (e.g. glazier felt). Clean the back side with a silicone free glass cleaner. The surface must be clean, dry and free of grease.

Bonding of Mirror Plates

Bonding of mirror plates requires a minimum room temperature of 18°C (mirror as well as plates must not be cooler than room temperature). Mark the position of the plates on the backside of the mirror with a soft pencil. The two top louvered metal sheets (1) should be marked at a position of 10 cm from the upper and side edges. The two lower metal plates (2) should be marked at a position 5 cm from the bottom edge and 10 cm from the side edges.

Next, remove the protective film from the louvered metal sheets and position them at an angle of 30° with the bevelled side facing upwards along the top line and bond them along the side line. Position the lower metal sheets at an angle of approx. 30° along the bottom line and bond them along the side line. Once the mirror plates have been bonded, their positions can no longer be adjusted.

IMPORTANT:

Press each mirror plate with its full surface and a pressure of approx. 200 N (20 kg) for approx. 5 seconds onto the mirror and leave to rest for 30 minutes!

Mounting the Magnets to the Wall

Refer to the marked wall position of the mirror.

Mark the drill holes for each of the upper magnets (3) 13.2 cm from the upper edge and 15 cm from the sides of the marked mirror position. The drill holes for the lower magnets (4) should be marked 10 cm from the bottom edge and 15 cm from the side edges. Drill 6 mm holes. Insert dowels in the drill holes. With the base plate of the magnets facing the wall, screw the two magnets into the drill holes. (Important: The excentric drill hole must be aligned horizontally towards the wall.). The magnets are height-adjustable by +/- 3 mm due to the excentric drill hole (Please note: Any unevenness of the wall must be corrected to allow tension-free mounting of the mirror.).

Hanging and Adjusting the Mirror

After a resting period of 30 minutes, firmly press the plates to the mirror again. Then position the louvered metal sheets of the mirror onto the upper magnets and press them against the lower magnets by slightly pulling them downwards.

Removing and Re-hanging the Mirror

Grip the mirror with both hands at the height of the magnets behind the mirror. Release the magnets from the metal plates by slightly pulling the mirror, then it can be taken down. For re-hanging the mirror, position the louvered metal sheets onto the top magnets and slightly pull the mirror downwards against the lower magnets.

- Tip 1.** To obtain a larger distance between mirror and wall (e.g. for a transformer for 12 V mirror lamps distance plates between wall and eccentric discs/press buttons can be used (longer screws may be needed in that case).
- Tip 2.** After having bonded the mirror plates, a splinter protection film can be applied to the mirror. Simply cut out the mirror plates from the film.
- Tip 3.** When using mirror heating systems, there must be a distance of min. 10 cm between plates and heating.

Reasons why the mirror does not adhere:

- Plates have not been pressed onto the mirror with their whole surface with the result that they are only punctually bonded and consequently cannot hold the weight of the mirror.
- Wall is uneven and mirror is under constant tension. This can result in a debonding of the adhesive tape from the mirror over time.
- Mirror back side was not sufficiently cleaned and the plates could not be bonded properly.

Storage

12 months after customer receipt if stored in unopened packing in a dark room with 50 % relative humidity and at a temperature of 20° C.

Warranty

The manufacturer is liable as per the Product Liability Act.

Warranty is excluded when the product has not been used correctly.

Disclaimer of warranty

Above information is given to the best of our knowledge but is non-committing advice. The given information does not free you from assessing the suitability of these products for your purposes, applications and procedures. As the safe installation of a mirror depends on many factors which are beyond the control of the manufacturer, the installation is subject to your responsibility. Sales are subject of our current sales conditions.

