

1. Measuring

Fixing the self-adhesive VITOFIX mirror suspension is very easy. First mark the desired position of the mirror on the wall by slightly drawing around the upper mirror corners with a pencil. Then determine the position of the two holes for the wall hooks by measuring and marking the distance from the mirror top edge and its side-edge as shown on the front page of this leaflet:

Top distance of hole = $1/10$ of total mirror height SH plus 30 mm
Side distance of hole = $1/10$ of total mirror width SB plus 45 mm.

You are free to choose the position of the two Velcro fasteners, but please make sure that there is enough distance towards the mirror edges.

2. Adhesive Bonding

After carefully cleaning the back of the mirror from any dirt, grease, oil, and dust using a clean cloth soaked with alcohol, determine the position of the metal plates according to the markings on the wall and to the distance between mirror top edge and wall hook. Cautiously pull the liner off the hook-shaped metal plates without touching their adhesive surface. Press the plates strongly and evenly onto the back of the mirror. Do the same with the two fleece plates.

Attention: Never touch the glued surface. A correction after bondings impossible; so be sure to match the right position at the first go.

3. Fastening

To fix the two hooks to the wall, drill two holes with a masonry drill of 8 mm diameter. Use plastic dowels of 8 mm outer diameter and 40 mm length. Use slotted cheese-head woodscrews of 5 mm diameter and 40 mm length to fix the two wall hooks and the two Velcro fastener plates to the wall. Put a metal washer of suitable size under each screw head.

4. Hanging

Hang up the mirror onto the two upper wall hooks. Then press the lower portion of the mirror with the two Velcro sheets strongly against the wall. Afterwards, the position of the mirror can be corrected as often as you like: Just pull the lower end of the mirror off the Velcro plates and re-adjust the mirror sideways. As soon as the Velcro hooks have engaged in the loops again, any unintentional movement to the left or to the right is rendered impossible.

Mounting Guidelines

Grease, oil, and release agents prevent a proper bonding of pressure-sensitive adhesives. Therefore the back of the mirror has to be thoroughly cleaned with a cleaning solvent like denatured alcohol before attaching the metal sheets. Use a clean cloth or a pad of cellulose paper, soak it with alcohol, clean the surface and then immediately rub away any residue with a second clean and dry pad. Other cleaners may only be used if there are definitely no tensides (i.e., surfactants / surfaceactive agents) included. When working with flammable solvents, carefully observe the safety instructions printed on the container label. Aerate the room to allow the solvent to evaporate completely. Give some time for the surface to warm up to room temperature which should be $+18\text{ }^{\circ}\text{C}$ as a minimum.

For a good adhesion, the surface must be clean and dry. If moisture from the air condensates on a cold surface, the adhesive will not work. Silicon spray must not be used in rooms where you work with VITOFIX PLUS I.

Never touch the adhesive surface. Press on the metal sheets strongly and uniformly. The mirror may then be fixed to the wall immediately. To secure a high initial strength, both the mirror and its suspension need to have a temperature of $+18\text{ }^{\circ}\text{C}$ minimum. Once this is done correctly, the strength of the connection will also remain at temperatures below $0\text{ }^{\circ}\text{C}$. Prior to bonding a mirror with a splinter protection film on its back, please ask VITO for approval, otherwise no liability will be accepted.

Material requirement per 12 kg mirror weight (0,8 m² for 6 mm glass thickness) = One set of VITOFIX PLUS II.

One set = 2 self-adhesive mirror holders, 2 wall hooks, 2 distance pads

