

Wall mounting of mirrors

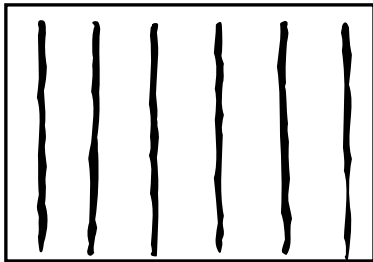
There are numerous different types and qualities of mirrors on the market; most are well suited for wall mounting with a sealant type adhesive*. However the mirror must conform to the DIN 1238 5.1 and DIN 1036 standard with respect to reflectivity and protective rear layer.

It is important that no moisture is trapped between the rear face of the mirror and the wall while mounting the mirror, as moisture might attack the rear film on the mirror especially in combination with a mineral based wall material. Therefore, it is important that the adhesive is applied in such a way that it ensures a flow of air behind the mirror, this will also ensure complete curing of the adhesive. On very porous walls it is recommended to use Plaster Primer 224 prior to mounting the mirror.

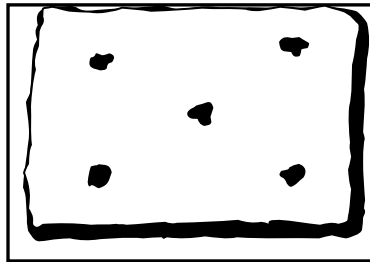
Products well suited for mounting of mirrors are: Turbo tack 291, SMP Construction Extra 292 and Combi Flex 524.

The wall surface must be prepared to ensure that it is clean, dry, free of dust, grease, release agent and loose particles prior to mounting the mirror

The sealant/adhesive is applied to the rear face of the mirror in vertical strings with 15-20 cm spacing. (See drawing below)



CORRECT



WRONG

The strings should be ~5 mm in diameter. The advantages gained by using vertical strings are:

1. No moisture is trapped behind the mirror.
2. Full adhesive surface is attained, should the mirror slip during curing.
3. As the air has access behind the mirror, full curing of the adhesive is assured.

The mirror should be supported and prevented from falling out from the wall until the adhesive is cured. This can be accomplished with wedges, tape etc. Note that tape should be removed immediately after curing as it otherwise can be difficult to remove from the mirror surface.

*Mirrors with a plastic rear coating, such as safety mirrors are not suited for adhesive mounting. In case of doubt contact the mirror supplier.

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