



TRUFIG

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APPLICATION NOTE

G-05

Solid Surface Install in Glass or Mirror

Overview:

TRUFIG offers a great seamless finish to complement glass surfaces. Below is an overview of a TRUFIG installation in glass. For simplicity, both mirror and glass will be referred to as glass on this application note.

TRUFIG parts needed:

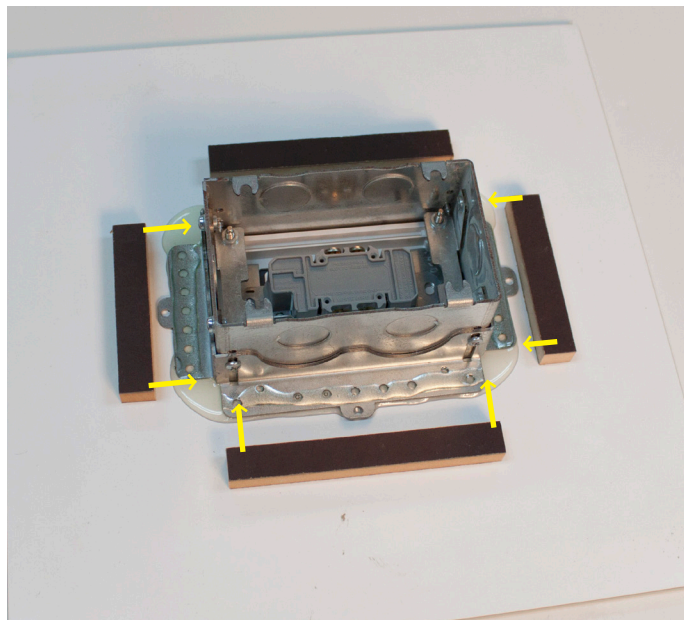
-TRUFIG Solid Surface Mounting Platform, trim component, & fascia (any size)

Installation Overview:

Glass and mirror material varies widely in thicknesses and finishes. For this reason it is especially critical to verify the install procedure by doing a mock-up prior to the job site install. The installation of a TRUFIG platform on a glass surface should be thought of as a solid surface install using an adhesive to mount the enclosure - just like stone. Therefore, the details of how to cut, adjust, and adhere the box will not be reviewed in this note. For more details on how to do that portion of the install, reference the TRUFIG install guide found at TRUFIG.com, or on the iTunes Bookstore.

With glass materials there are some additional considerations: 1) thickness, and 2) adhesive type.

Most glass ranges in thickness from 1/8" and up. Therefore, when working with material on the thinner side of this range, the use of additional shims between the TRUFIG enclosure and the glass will be needed. To do this, simply use an easy to adhere to surface of the desired thickness (usually around 1/4" additional is best) and cut small strips to mount in front of the enclosure flange - MDF was used below. See below image for example.





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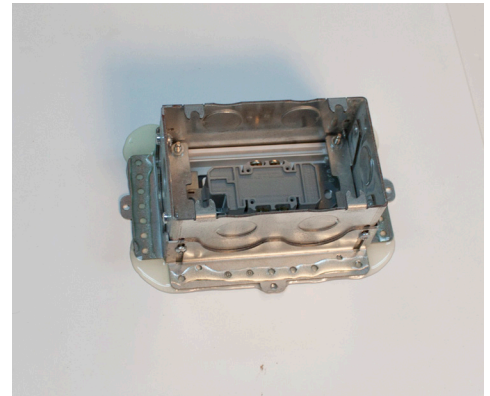
Another consideration when installing a TRUFIG mounting platform in glass is choosing the right adhesive. Just like installing TRUFIG into stone, the TRUFIG enclosure should be mounted to the glass using the appropriate adhesive. Glass and mirrors are tinted and colored using a variety of films and coatings. For this reason, it is critical that the manufacturer of the glass be consulted before applying any adhesive to the surface. All glass manufacturers will have a list of approved adhesives that won't react or corrode the backside of the glass - the below image is a sample of Dreamwall's approved adhesives. During a mock-up is a great time to test and prove that the right adhesive is paired with the glass and that the TRUFIG enclosure doesn't create any negative shadowing, or tinting to the glass surface.

BRAND/ DESCRIPTION

Dow Corning 795 Silicone Building Sealant
Dow Corning 995 Silicone Structural Sealant
DAP 100% silicone rubber sealant (clear)
3M 1/16" 4466W rubber double-sided tape
3M 3/32" 4462W rubber double-sided tape

We have also successfully tested the following grout products on Dreamwalls Color Glass Tile:

Mapei Thin Set Mortar
Laticrete Premium Multi-Mastic Adhesive
Mapei Adesilex P10 Mortar with Keraply
Mapei Unsanded Adhesive & Grout
Laticrete Unsanded Wall Grout



(Above) Dreamwall's Recommended Adhesives

(Above) Enclosure adhered to glass

Fascias with Glass Laminate:

If a glass fascia is desired, the only option to achieve this look is to apply a thin glass laminate to the TRUFIG fascia. Glass laminates can only be applied to TRUFIG Decora, or TRUFIG SeeTouch Fascias and they must be and 1/8" thick, or thinner. For more instructions on how to apply a laminate, see the app note on how to apply laminates to fascias.