

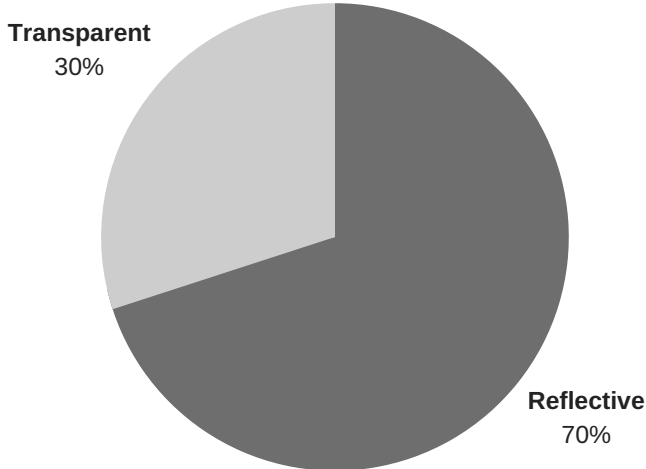
Glass Smart Mirror

Vanity Mirror gives digital displays, including television and video screens a modern, transitional look. It is ideal for concealing single or multiple digital displays and video screens in commercial and residential applications.

HOW IT WORKS

When the screen is turned 'off', the Vanity Mirror maintains a mirrored appearance. When the screen is turned 'on' the image on the screen shows through.

THE SPECIFICATIONS



**Clear
Glass
Substrate**

SMART MIRROR INSTALLATIONS



RASPBERRY PI



BATHROOM



MAX BRAUN

Unpacking

The coated surface is hard and is not easily damaged, so cases can be opened normally. Do not mark the coated surface with adhesive labels or wax crayons, and do not drag suction cups or metal objects across the surface. The coating will not be damaged by such materials, but it may be difficult to fully remove fine wax, rubber or metal residues due to the submicroscopic roughness of the coating.

Surface Identification

To find the mirror coated side, simply place your finger to the glass. If there is no gap between your finger and its reflection, that is the mirror-coated side. You will want to install this side facing the person (Unless you're using an IR Touch Overlay, then you will install this side facing the display).

Inspection

The glass can be inspected, in reflection, for uniformity of coating by placing it in front of a mat black non-reflective background with a uniformly lit white surface behind the viewer, reflected in the glass. This simulates the viewing condition where a person looks at their reflection with the display turned off. Inspections should also be performed in transmitted light by viewing through the glass to a uniformly bright surface with a dark background behind the viewer (to eliminate distracting reflections) to simulate ideal viewing of an operating display.

Coating Quality Specification for Cut Sizes

The glass can be inspected, in reflection, for uniformity of coating by placing it in front of a mat black non-reflective background with a uniformly lit white surface behind the viewer, reflected in the glass. This simulates the viewing condition where a person looks at their reflection with the display turned off. Inspections should also be performed in transmitted light by viewing through the glass to a uniformly bright surface with a dark background behind the viewer (to eliminate distracting reflections) to simulate ideal viewing of an operating display.

Packing

When packing Vanity Vision or Dielectric mirror for shipping with the coating exposed, it is preferable to use paper or hardwood flour as an interleaving medium. Over long distances, the acrylic beads in Lucor powder can be abraded and leave a deposit on the coating which is difficult to remove. Care should also be taken to minimize the contact of Styrofoam packing materials with the coated surface. Styrofoam packing materials can leave a rub mark on the coating that is difficult to remove.

Installation

Procedures are similar to those used for plain glass. The coating is compatible with commonly available glazing sealants.

Maintenance

It can be cleaned and maintained by hand washing with non-abrasive, ordinary, glass cleaning solutions. For hand washing, a mild detergent and water solution is recommended. Uniformly apply the solution to the glass and wash with a clean, soft cloth, sponge, or pad. Rinse thoroughly with clean water and wipe or squeegee dry immediately. Make sure no metal parts of the cleaning equipment touch the reflective glass surface, and that no abrasive particles are trapped between the glass and the cleaning materials. Stubborn stains can be removed with organic solvents such as mineral spirits, de-natured alcohol, acetone, or MEK, following appropriate safety procedures. The solvent wash should be followed immediately by a detergent wash and clear water rinse to remove solvent and dirt residues. Do not use harsh chemical cleaners, abrasives, opaque liquid cleaning solutions such as Soft Scrub® by Clorox, steel wool, or razor blades on the reflective surface.