

Jumps West
7251 W. Lake Mead Su. 300
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Acrylic Mirror Information – Characteristics & Mounting

Acrylic mirrors are a strong, lightweight material that has developed wide use as a replacement for glass mirrors where safety is a concern. We are supplying the below information to help you make an informed decision regarding these mirrors:

ADVANTAGES OF ACRYLIC MIRRORS:

- a. Lightweight – less than half the weight of glass in the same size & thickness.
- b. Break Resistance – up to ten times more break resistant and seventeen times greater impact resistance than glass of equal thickness.
- c. Will tolerate continuous heat up to 160 degree farhenheit.
- d. Quality – highly reflective surface.

OTHER CONSIDERATIONS:

1. Acrylics tend to absorb moisture. High humidity levels can cause temporary warpage to the material.
2. Acrylic mirrors should be stored in a cool dry area. The sheets will warp if exposed to variable temperatures. Material should be stored flat and overwrapped with plastic (which comes with the shipped product) to minimize absorption of water vapor.
3. To mount these mirrors, we recommend a smooth, rigid, sturdy flat backing such as primed 5/8th or ¾” plywood, with one daub specialty adhesive per square foot, in the middle of each square foot of area, with a silicon sealant around the edge. The surface should be coated with a sealant to cover pockets and keep out moisture. The entire surface should then be covered with a mastic or another type of pressure sensitive adhesive.

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4. Another option is to drill oversized holes in the mirrored acrylic and hold it to the wall using screw fasteners. Do not overtighten the screw fasteners, as it will cause dimpling and distortion.

Weather Resistance: If these are to be used outdoors, seal perimeter with silicon sealant to keep moisture out and protect mirror backing. Salt spray will also degrade mirrors.

Drilling: mirrors may be easily drilled with any commercial power-driven drill. We recommend using a bit offered especially for plastics. When drilling, we advise backing up the surface with a durable surface such as plywood so the drill bit will continue into a solid material, which will prevent chipping on the opposite side of the mirror.

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