

Acrylic Mirrors

Creativity without limits

Acrylic mirrors are easy to transform, and weights half the weight of a glass mirror, for the same sizes and thicknesses. By cutting, drilling, bending and curving the material, with conventional equipment like sawing machines, routers and laser cutting machines, it is possible to obtain different sizes and shapes, as well as products with complex and accurate design.

Low cost and ease of transformation, with bigger resistance and half the weight of common glass, are advantages that gives the acrylic mirrors bigger design versatility, making possible products that cannot be executed with common glass mirrors.

Advantages and Differentials

Reflectivity: 80% - 90% in the visible light spectra from 400 to 700 μm ;

Weight: Less than half the weight of a glass mirror at same sizes and thicknesses.

Impact Resistance: Up to 10 times more resistant to breaking, and up to 17 times more resistant to impact than glass mirrors of same thickness.

Heat resistance: Capable of working continuously in temperatures up to 70°C and able to support for short periods up to 88°C.

Ease to Transform: By using equipment such as sawing machines, routers and laser cutting machines it is possible to obtain different shapes and sizes. Acrylic can be bent by heating or also curved cold. Modern equipment such as laser cutting machines makes it possible to produce complex and accurate design;

Cost – Benefit: Low cost of transformation and installation.

Quality: Highly reflective surface. Products uses varies from displays and point of sales, to furniture and decoration, or other mirror application such as automotive or nautical industry.