

SPECIFICATIONS

What is LiteMirror?

Made from polyester film, LiteMirror will not shatter or break into dangerous shards when impacted. This key feature provides endless design opportunities, as they can be placed everywhere and anywhere.

Installation is simple. They can be placed on ceilings and walls or portable on rolling or stationary stands.

Additional benefits of LiteMirror include acoustical and thermal properties. Because of its' structural nature, a glassless mirror panel will absorb sound rather than reflect it the way a hard-polished surface material (such as glass) will. The mirror has sound-absorbing properties which become stronger as the frequency (Hz) range grows higher, making the glassless mirror panel particularly effective for heavily populated areas with high noise levels.

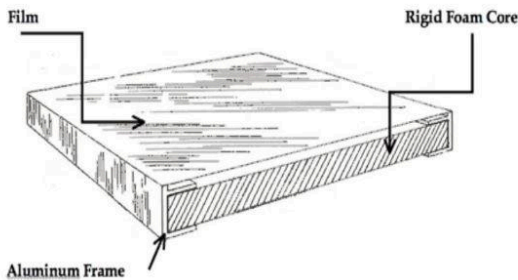
Additionally, the polyurethane foam in the mirror also makes the mirror panel a thermal insulator.

Each LiteMirror is hand made in our Irvington NY factory.

How is LiteMirror made?

Each LiteMirror is a fabricated panel consisting of a rigid foam core framed by an aluminum extrusion that has a lip around four edges. Across this lip, a vacuum plated polyester film is stretched to form the mirror surface.

BENEFITS:



SHATTERPROOF: The mirror will never shatter

LIGHTWEIGHT: Example – a 48"x72" weighs approx. 8 lbs

OPTICALLY CLEARER: They are optically clearer than a plate glass mirror.

PORTABLE: Mount them on our rolling stands. Easy to store, then roll out when you need them.

EASY TO WALL & CEILING MOUNT: Very easy to install due to their light weight. We offer a variety of mounting options, and are glad to work with you when a custom solution is needed.

LARGE SCALE MIRRORS: Due to their light weight, even large mirrors are easy to handle.

EASY TO CLEAN: Does not attract dust. Blow off any dirt with compressed air; spray glass cleaner on a soft non-abrasive cloth, and wipe gently.

CUSTOM MIRRORS: Let us design a mirror that's just right for you. Large mirrors for stage productions and more. Custom shapes available.

STANDARD SIZES:

We offer a wide range of standard sizes, from 16" to 72". Mirror thicknesses are $\frac{3}{4}$ " or $1\frac{1}{4}$ " depending upon the size of the panel.

CEILING TILES: Nominal sizes 2' x 2' or 2' x 4' to fit any standard drop-in ceiling grid. Larger ceiling tiles can be mounted with 4 #10 screws

CUSTOM SHAPES AND SIZES: Width up to 75", any length and custom shapes

SCRIM (2 WAY) MIRRORS: LiteMirror also manufactures scrim or see-through mirrors. These mirrors have endless applications. Some applications have included Broadway show productions, concerts, imaging, events, and even provides a decorative mirror option to hide a TV. Its' 2-way property hides a TV when it's turned off but when the TV is on, the image is clearly viewed.

FREQUENTLY ASKED QUESTIONS:

DOES LiteMirror WEIGH AS MUCH AS GLASS?

No, in fact our mirrors are a fraction of the weight of glass. For example, a 4' x 6' LiteMirror panel weighs approximately 8lbs vs plate glass at 70lbs

WILL LiteMirror BREAK OR SHATTER LIKE GLASS?

No, our mirrors have an inherent safety factor because of its soft surface and lightweight. They are fragile, if it was hit it may puncture or tear the surface. If it fell, it might bend or dent the frame, however, there are no knife sharp edges or dangerous shards of glass.

HOW IS LiteMirror CLEANED?

If a panel should get dirty, it can be cleaned by using a mild non- abrasive detergent and a *soft cloth* to avoid scratching the surface. Do not use paper towels or tissues ever. These are usually very abrasive.

ARE THERE ANY SPECIAL MAINTENANCE REQUIREMENTS?

No, the surface mass of the mirror film is so little that the problem of static electricity attracting dust particles to its surface is practically non- existent.

HOW DIFFICULT IS INSTALLATION?

Wall mounts are easily installed. All wall mount mirrors come with 4 brackets and 4 #10 self tap screws. No glue or 'j' channels required.

Rolling or stationery stands are easily assembled with 3 #10 screws.

DOES LiteMirror PANELS HAVE ANY VALUE AS A THERMAL INSULATION?

Yes, the polyurethane foam makes the mirror panels thermal insulators (the foam itself has an "R" value of 3.3 to 6.5 and the reflective quality of the film with its dead air space enhances this value).

A particularly interesting property of LiteMirror is that it will not normally fog in a high humidity area such as a bathroom or swimming pool.

CAN LiteMirror BE USED AS AN OPTICAL OR FRONT SURFACE MIRROR?

Yes, a special grade of glassless mirror is made specifically for use as front surface mirrors. These are available on special order (call for quote) and are most often used instead of glass when large size optical mirrors are required. We suggest that for optical applications, the projected image be contained within 1" of the edges of the glassless mirror surface to avoid minor image distortions that would be magnified in projection.

WHAT ARE THE FLAMMABILITY CHARACTERISTICS OF A LiteMirror?

Using Standard Test Method for Fire Hazard Classification of Building Materials (ASTM E84), the following classification has been established:

BUILDING UNITS
FIRE HAZARD CLASSIFICATION (Based On 100 For Untreated Red Oak)

	1 ¼" LiteMirror Panel
	Face
Flame Spread	25
Smoke Developed	85

According to ASTM E84 our mirrors meets Class A (Class I) - Flame Spread Index 25 or less and Smoke Developed Index 450 or less.

CAN LiteMirror BE DECORATED OR PAINTED?

Yes, a LiteMirror panel can be silkscreened or painted with acrylic paints for decorative effects or graphic treatments.

CAN A LiteMirror PANEL BE CUT OR FITTED ON THE JOB SITE?

No, each panel is a structural entity and must be made at the factory to specific dimensions. Normal fabricating tolerances are $\pm 1/8$ " on length and width. A large range of stock sizes are available and custom sizes can be made to order.

HOW LONG DOES LiteMirror LAST?

The film is tough, but it can be damaged by excessive pressure from fingernails or sharp objects. If cared for properly, the mirror will last indefinitely. Handle mirrors by holding along the edges, do not press the mirror surface.

WHAT DELIVERY CAN I EXPECT WHEN ORDERING?

Stock sizes and shapes are often immediately available, however, because of the variety, all sizes and shapes are not always in stock and we suggest that you allow two weeks delivery time. With special or custom made sizes allowing for four to eight-week delivery is advised.

LIMITED WARRANTY

Glassless Mirror Manufacturers Inc. will only accept returns due to manufacturing defects. This warranty lasts for the period of 90 days from the date of sale.

TERMS

All customers must pay for regular stock size mirrors before order ships.

Dealers may apply for net 30 days term with credit application.

Custom size mirrors must be paid for in advance.

CONDITIONS

Returns will not be accepted unless authorized by Glassless Mirror Manufacturers, Inc. If mirror is damage by freight carrier, refuse it, write a report and if possible take pictures.

For all other returns, customer will be charged a 25% restocking fee for stock size mirrors and must be shipped pre-paid freight. No return on custom size mirrors. Mirrors must be returned in original packaging and in good condition.

LiteMirror can also resurface mirrors for 50% of the list price.

The following is made in lieu of all warranties, express or implied. Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatsoever in connection therewith.