

## Custom Cut Glass – Expectations vs Reality



Since 1884, when we first opened as a small, locally owned business, Lancaster Paint and Glass has dedicated itself to meeting the needs of Lancaster County and surrounding areas. Its eventual expansion into solely glass, mirror, and plastic products and services enabled it to become the premier source for custom glass, mirror, and plastic as well as related supplies for residential, retail and commercial use.

### **Don't Expect to Find Paint**

For several decades, the demand for glass grew and the company focused on expanding its glass, mirror, plastic, and glazing operations. One hundred years later, in 1984, Lancaster Paint & Glass stopped selling paint and concentrated entirely on the glass, mirror, and plastic business.

### **It's More Than Mirror Glass**

Lancaster Paint and Glass is well known as the place to find mirror glass and have it cut to the size and shape you want. The glass experts on staff can help you design a custom shape for your mirror in various colors. Its specialty mirror options include beveled, antiqued, and one-way mirror glass used for surveillance purposes, as well as colored and antique mirror on special order.

But Lancaster Paint & Glass cuts so much more than just mirrors! Our glass cutting services include tabletops, glass shelves, glass for office tables, desks and conference tables (need a hole cut out to accommodate your computer cords?), and more. It has the area's largest selection of obscure glass for windows and cabinets.

Restoring an older home? You can find reproduction antique "wavy glass" you need to maintain your home's historic appeal. Lancaster Paint & Glass offers rolled, patterned obscure, and reproduction antique glass.

## No Size Too Small

You might expect Lancaster Paint & Glass not to bother with small glass needs, yet we welcome customers in need of glass repairs or custom cuts for picture frame glass, glass shelves, glass for kitchen/cabinet doors, and bathroom windows.

We also can replace safety glass in insulated door units, skylights, and patios doors.

Custom-cut glass can range in thickness. Lancaster Paint & Glass can design glass in different thicknesses, from 1/16-inch thick glass to ¾-inch thick. Unsure about the thickness you need? Lancaster Paint & Glass staff can help you choose the right material your needs/project.

## Custom Glass Edges

Glass typically comes in five standard edge styles: bevel, pencil polish, ogee, mitre, and flat polish.

- Bevel – an elegant, angled surface cut around the periphery of the glass and polished smooth
- Pencil Polish – a rounded cut that resembles the letter C or the radius of a pencil
- Ogee – an elegantly curved cut with somewhat of a backward-slanting “S” profile, usually brightly polished on ½” & ¾” glass
- Mitre – a cut edge typically 45 degrees
- Flat Polish – a sleek cut usually ground smooth and polished featuring a small chamfer on the top and bottom to remove edges

## Expect Unique Glass

If you have a need for specialty glass, chances are we will have it, or we can obtain it, and cut it to size. We have experience cutting and selling unique glass options like reproduction antique glass, flat safety laminated for glass found on off-road equipment or boats and curved glass for china bends.

We also supply and install specialty glass and plastic like custom frosted, insulated, UV-filtering, and museum-conservation plastic.

Need a piece of glass in a unique shape? Lancaster Paint & Glass can cut to the exact shape you need. Our glass-cutting experts can create specialty shapes to fit odd window frames or individual projects.

## Tempered Glass

Tempered glass is used in many homes and business and vehicles. Because of its strength, it's ideal for refrigerator trays, computer towers, sliding doors, oven doors, fireplace glass, patio tables, shower doors and tempered glass for antique automobiles. It's often found in hotels, bars, and restaurants to increase safety and security.

Once the glass is tempered, it can't be cut or drilled, as it will shatter into thousands of pieces. This type of glass must be cut to size before the actual tempering takes place. Because it's such a commonly used glass type, the staff at Lancaster Paint and Glass has years of experience working with tempered glass and can provide a tempered glass replacement to fit your specifications.

## Reality: It's Way More Than Glass

In addition to glass supplies, installation, custom etching, and glass-cutting services, the company works with plastics and acrylics. Architects, designers, contractors and other business's go to Lancaster Paint and Glass for custom orders of Plexiglas™, Lexan™, Novus™, and Twinwall™ products.

With spring and summer around the corner, Lancaster Paint & Glass will also help homeowners keep flies and other insects out of their homes with its screen replacement and repair services. We can replace and install individual window screens or an entire screened-in porch, including pet-resistant screening.

To help reduce heat gain, consider our solar screen options. Specialty window screen mesh is specifically designed to reduce the sun's heat. Installed on the outside of your windows, solar screens are an inexpensive solution to help reduce heat transfer through the glass.

You will also find glass, mirror and screen hardware at Lancaster Paint and Glass. Both commercial and residential clients can find the necessary hardware and connectors needed to complete your home repair or home building projects. You can even find supplies for the finishing touch: commercial glass cleaner.

Learn more about the extensive inventory and glass cutting services at [Lancaster Paint and Glass Company](#) website.