

Curved Glass

Beauty and complexity with optical clarity

Dellner Glass Solutions ability to manufacture curved glass to precise requirements and specifications is what truly sets us apart in the marketplace. From complex curved glass offices to double curved train windscreens and state-of-the-art touchscreens, we have the technical expertise to produce the most beautiful and complex of shapes without compromising optical quality.

Curved glass is simply flat glass which has been heated to an appropriate temperature over a mould with a predetermined profile. As the glass heats it becomes softer and slumps to the form of the mould. It is then cooled under controlled conditions and annealed to minimise any residual stress in the glass.

The mould preparation is a highly skilled process conducted by our dedicated fabrication team and involves state of the art laser cutting machines. Every curve requires bespoke tooling and we also have the ability to produce curved glass to templates. We can laminate, print and even double-glaze our curved glass. So if you're looking to make a design statement on your next architectural or transport project, why not consider curved glass from Dellner Glass Solutions.

Key Features

- Glass thickness from 2mm
- Manufactured to high tolerance levels
- Ideally suited to complex architectural and transport projects
- High optical quality

Typical Applications

- Architectural statements
- Doors and windows
- Partitions
- Fixed screens
- Balustrades
- Light covers
- Showcases
- State-of-the-art touchscreens
- Windscreens for rail, armoured vehicles and custom vehicles

Product Definition

As curved glass requires tooling to be prepared for each type of curve it is important to define the shape accurately, the following information is required:

- Quantity
- Height
- Outer Girth (Girth measured on the convex surface)
- Outer Radius (Radius measure to the convex surface)
- Composition (Laminated, double glazed, thickness etc.)
- Special Requirements (Printing, holes etc.)

Options

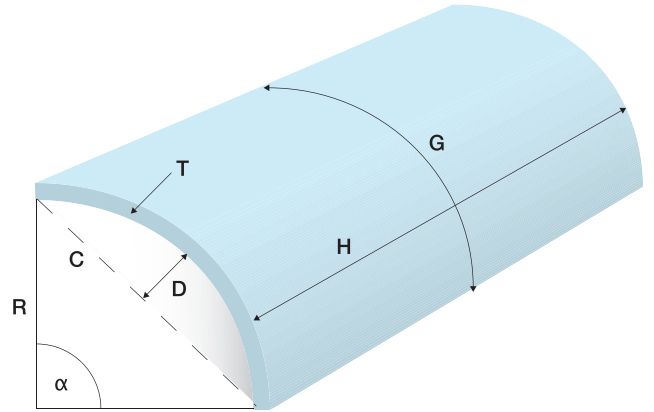
Our bespoke curved glass can be combined with a number of optional features to accommodate almost any specialised requirements.

Optional features include:

- Double glazed
- Printed
- Tinted
- Solar Control
- Low E laminate
- Acoustic glass
- Bullet resistance
- Physical attack resistance

Testing

We take quality standards and product testing very seriously. All our curved glass products are independently tested and certified to BS EN 14449 for laminated glass.



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|----------|-------------|
| H Height | α Angle |
| G Girth | D Drop |
| R Radius | T Thickness |
| C Chord | |

