

## Curved architectural glass

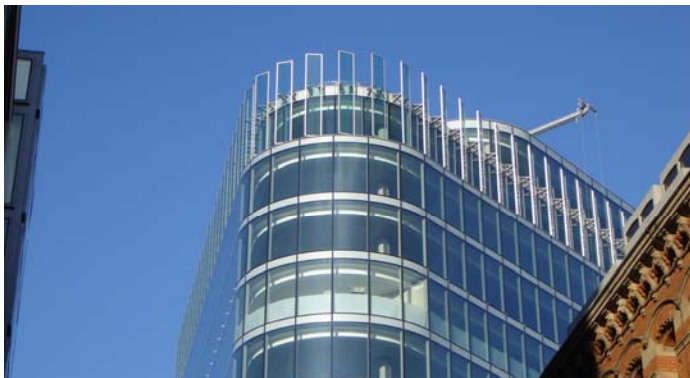
Whether for facades, constructional glass or interiors; the importance of curved glass is continually increasing. It has established itself as a permanent component of modern architecture. FINIGLAS GmbH, a subsidiary of the Sencoglas Group, is more than capable of maintaining this trend with its high standards of innovation and creativity using the modern production plants at its disposal. Only the rules of physics can restrain the otherwise unlimited possibilities for the most complicated geometries and shapes.

Not only all types of glass such as curved float glass, single-pane tempered safety glass, laminated safety glass or insulation glass, but specialised products such as, for example, printed PVB foils, have become a permanent part of our production programme.



As early as the enquiry stage, a diverse range of questions and problems arise, making technical discussions essential. The customer is welcome and also encouraged, even at this stage, to make use of the long-term experience and know-how of FINIGLAS.

However, as a curve is mainly defined clearly by a total of five parameters (radius, bending angle, developed length, pitch and chord length), a completely accurate definition of the basic conditions possible becomes extremely difficult. Each of the individual parameters limits the curve in a different way.



### Technical Details

Glasstype	glass-thickness	maximum measure	radius	apex angle	bending			thermal insulation / sunscreen	silkscreen
	mm	mm	minimal mm	maximum	cylindric	conic	spheric		
Panel Glass	from 3 - 24	3200 x 6000	10	180°	yes	yes	yes	yes	yes
Tempered safety glass	from 5 -15	2850 x 1500	400	90°	yes	no	no	yes	yes
Heat-strengthened glass	from 5 - 10	2850 x 1500	400	90°	yes	no	no	no	yes
Laminated safety glass by Panel Glass	from 6 - 30	3200 x 6000	10	180°	yes	yes	yes	yes	yes
Laminated safety glass by Tempered safety glass	from 10 - 30	2850 x 1500	400	up to 90° max.	yes	no	no	no	yes
Laminated safety glass by heat-strengthened glass	from 10 - 20	2850 x 1500	400	up to 90° max.	yes	no	no	no	yes

Curved insulation glass in all its variations has also been a permanent part of the FINIGLAS product range for years. It would be unthinkable to realise extremely architectonically-demanding facades, including the energy-related factors, without this product.

The required dimensions, bending angles and geometries are checked in close collaboration with the customer, and implemented in a realistic manner.

Individual suggestions are gratefully accepted, even without accompanying technical key data, in order to guarantee consistent further development.

Take the opportunity of receiving our professional advice; come to us with your questions and requests and, with our support, realise your own individual project!