

Duglass

Tempered glass

Duglass tempered glass is a product that is safe while offering a high mechanical resistance and a high resistance to thermal tensions. Duglass tempered glass is obtained by subjecting the glass to a controlled thermal treatment which consists of heating the glass till it reaches a temperature close to its softening point and then cooled very quickly with forced draughts of air on its surface. Due to this thermal process the glass obtains the surface tension necessary to strengthen its mechanical characteristics.

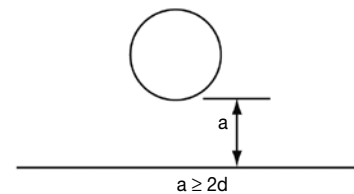
Manufacturing

Maximum dimensions	Minimum dimensions	Thickness
4200 x 2440 mm (standar)	300 x 300 mm	4 – 15 mm
4500 x 2440 mm (especial)	300 x 300 mm	4 – 15 mm

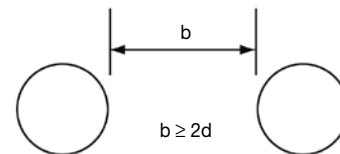
Limitations on drilling positions

If the fastening system requires drilling the glass the following basic recommendations must be followed (d being the thickness of the glass):

1) The distance a, from the edge of an orifice to the edge of the glass should not be less than 2d.



2) The distance b, between the edges of the two orifices should not be less than 2d.



3) The distance c, from the edge of an orifice to the corner of the glass should not be less than 6d.

