The minimum size we can manufacture in toughened glass must have one dimension exceeding 250mm. If both the height and width are less than 250mm the glass cannot be toughened, and will need to be made in annealed or laminated glass.

Any unit over 1300mm in both directions must be made in 6mm glass rather than 4mm glass.

Any unit over 2.40m² must be made in 6mm glass rather than 4mm glass.

Any unit over 1600mm in both directions is not a standard product and is subject to a longer lead time and higher price - please check before ordering.

Any unit over 3.50m² is not a standard product and is subject to a longer lead time and higher price - please check before ordering.

Any unit weighing over 110 kg is not a standard product and is subject to a longer lead time and higher price - please check before ordering.

Patterned glass comes in stock sheets of 1320 x 2140. The only obscure glass above this size is satin.

We do not buy glass larger than 3210mm in width, so cannot supply anything with either dimension greater than 3210.

The table overleaf gives a snapshot of which unit sizes can be made in which glass. It is a guide only please check your exact glazing size with the criteria detailed above.
The table below gives a snapshot of which unit sizes can be made in which glass. It is a guide only please check your exact glazing size with the criteria detailed overleaf.

| n | Annealed or laminated only: too small to toughen |
| n | 4mm Glass is ok |
| n | Must be 6mm Glass |
| n | Units this size and above are not standard product - price on application |

| The weight of glass and sealed units |
| 4mm glass weighs 10kg per m² |
| 6mm glass weighs 15kg per m² |
| 10mm glass weighs 25kg per m² |

Therefore allowing a little extra for the spacer bar, dessicant and sealant:
A unit comprising of two 4mm pieces of glass weighs 20kg/m²
A unit comprising of two 6mm pieces of glass weighs 30kg/m²
A unit comprising of one 4mm and one 10mm pieces of glass weighs 35kg/m²
A triple glazed unit comprising of three 4mm pieces of glass weighs 30kg/m²

A sealed unit measuring 400mm x 1100mm in 4mm glass weighs 8.80kg
A sealed unit measuring 1200mm x 1300mm in 4mm glass weighs 31.20kg
A sealed unit measuring 1300mm x 1300mm in 6mm glass weighs 89.70kg

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GLASS SYSTEMS LTD