

Size guidelines and feasibility tables for Insulating Glass units

Clayton Glass aim to offer a wide range of sealed units and to offer advice accordingly, within the bounds of building control and safety both here in our factory and on site. As a largely domestic unit manufacturer however it isn't practical for us

to operate and maintain the scale of equipment required for certain larger units (be it in maximum dimension, area, weight or a combination thereof) - when these items represent only a fraction of a percent of our sales.

We do recognise though, that for most of our customer base we are the glass supplier, and hence we both have an obligation and are happy to provide advice and to source product externally, promptly, and cost effectively where our in house manufacturing sizes are exceeded.

Our commitment in this respect is as follows:

- We will advise up front what our capabilities are for each product type, ie what can be made in house and sold at the rates
- on your existing tariff, at standard lead times
- Where we cannot make we will advise at the time of order that the product will be outsourced, and within 48 hours
- We will give a due date, being as soon as possible and typical not exceeding 10 working days
- We will provide costings, to include a minimum handling charge only

At this point subject to your confirmation and acceptance we will source the glass and deliver and invoice in the usual way

The following tables offer a guide to sealed unit availability across the range of 4mm, 6mm & 6.8 laminate glasses we hold. Where the size you want is shown as non-feasible, please refer to the next specification up until your size is met, detailing this build-up on your order - should you request a non-feasible product we will advise and with your agreement amend your order to suite. Note for most large units a minimum cavity of 16mm will apply. On the limited occasions where we are not able to offer a unit in any glass type, the process will be as as described above. Please note these tables are a guide only, and we remain available to discuss the available options. It is important to note however, particularly for your sales teams and in pricing jobs, that these will most likely not be subject to standard rates and are POA.

Our production planning team remain available to discuss and advise at any time, in the first instance please contact Joanne Honour on 01207 288 200.

Maximum size by glass thickness

| KEY | 4 Annealed or Toughened Glass | 4mm Toughened is recommended. | One Pane 4mm Tgh & One Pane 6mm Tgh | 4mm Both Panes Toughened | 6mm Both Panes | POA- Bought In |
|-----|-------------------------------|-------------------------------|-------------------------------------|--------------------------|----------------|----------------|
|-----|-------------------------------|-------------------------------|-------------------------------------|--------------------------|----------------|----------------|

Maximum size by glass thickness

| | 0.7 m | 0.8 m | 0.9 m | 1.0 m | 1.1 m | 1.2 m | 1.3 m | 1.4 m | 1.5 m | 1.6 m | 1.7 m | 1.8 m | 1.9 m | 2.0 m | 2.1 m | 2.2 m | 2.3 m | 2.4 m | 2.5 m | 2.6 m | 2.7 m | 2.8 m | 2.9 m | 3.0 m |
|------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.7m | 10 Kg | 11 Kg | 13 Kg | 14 Kg | 15 Kg | 17 Kg | 18 Kg | 20 Kg | 21 Kg | 22 Kg | 24 Kg | 25 Kg | 27 Kg | 28 Kg | 29 Kg | 31 Kg | 32 Kg | 34 Kg | 35 Kg | 36 Kg | 38 Kg | 39 Kg | 41 Kg | 42 Kg |
| 0.8m | 11 Kg | 13 Kg | 14 Kg | 16 Kg | 18 Kg | 19 Kg | 21 Kg | 22 Kg | 24 Kg | 26 Kg | 27 Kg | 29 Kg | 30 Kg | 32 Kg | 34 Kg | 35 Kg | 37 Kg | 38 Kg | 40 Kg | 42 Kg | 43 Kg | 45 Kg | 46 Kg | 72 Kg |
| 0.9m | 13 Kg | 14 Kg | 16 Kg | 18 Kg | 20 Kg | 22 Kg | 23 Kg | 25 Kg | 27 Kg | 29 Kg | 31 Kg | 32 Kg | 34 Kg | 36 Kg | 38 Kg | 40 Kg | 41 Kg | 43 Kg | 45 Kg | 70 Kg | 73 Kg | 76 Kg | 78 Kg | 81 Kg |
| 1.0m | 14 Kg | 16 Kg | 18 Kg | 20 Kg | 22 Kg | 24 Kg | 26 Kg | 28 Kg | 30 Kg | 32 Kg | 34 Kg | 36 Kg | 38 Kg | 40 Kg | 42 Kg | 44 Kg | 46 Kg | 48 Kg | 75 Kg | 78 Kg | 81 Kg | 84 Kg | 87 Kg | 90 Kg |
| 1.1m | 15 Kg | 18 Kg | 20 Kg | 22 Kg | 24 Kg | 26 Kg | 29 Kg | 31 Kg | 33 Kg | 35 Kg | 37 Kg | 40 Kg | 42 Kg | 44 Kg | 46 Kg | 48 Kg | 76 Kg | 79 Kg | 83 Kg | 86 Kg | 89 Kg | 92 Kg | 96 Kg | 99 Kg |
| 1.2m | 17 Kg | 19 Kg | 22 Kg | 24 Kg | 26 Kg | 29 Kg | 31 Kg | 34 Kg | 36 Kg | 38 Kg | 41 Kg | 43 Kg | 46 Kg | 48 Kg | 76 Kg | 79 Kg | 83 Kg | 86 Kg | 90 Kg | 94 Kg | 97 Kg | 101 Kg | 104 Kg | 108 Kg |
| 1.3m | 18 Kg | 21 Kg | 23 Kg | 26 Kg | 29 Kg | 31 Kg | 34 Kg | 36 Kg | 39 Kg | 42 Kg | 44 Kg | 47 Kg | 49 Kg | 78 Kg | 82 Kg | 86 Kg | 90 Kg | 94 Kg | 98 Kg | 101 Kg | 105 Kg | 109 Kg | 113 Kg | 117 Kg |
| 1.4m | 20 Kg | 22 Kg | 25 Kg | 28 Kg | 31 Kg | 34 Kg | 36 Kg | 49 Kg | 42 Kg | 45 Kg | 48 Kg | 76 Kg | 80 Kg | 84 Kg | 88 Kg | 92 Kg | 97 Kg | 101 Kg | 105 Kg | 109 Kg | 113 Kg | 118 Kg | 122 Kg | 126 Kg |
| 1.5m | 21 Kg | 24 Kg | 27 Kg | 30 Kg | 33 Kg | 36 Kg | 39 Kg | 42 Kg | 56 Kg | 48 Kg | 77 Kg | 81 Kg | 86 Kg | 90 Kg | 95 Kg | 99 Kg | 104 Kg | 108 Kg | 113 Kg | 117 Kg | 122 Kg | 126 Kg | | |
| 1.6m | 22 Kg | 26 Kg | 29 Kg | 32 Kg | 35 Kg | 38 Kg | 42 Kg | 45 Kg | 48 Kg | 77 Kg | 82 Kg | 86 Kg | 91 Kg | 96 Kg | 101 Kg | 106 Kg | 110 Kg | 115 Kg | 120 Kg | 125 Kg | 130 Kg | | | |
| 1.7m | 24 Kg | 27 Kg | 31 Kg | 34 Kg | 37 Kg | 41 Kg | 44 Kg | 48 Kg | 77 Kg | 82 Kg | 87 Kg | 92 Kg | 97 Kg | 102 Kg | 107 Kg | 112 Kg | 117 Kg | 122 Kg | 128 Kg | | | | | |
| 1.8m | 25 Kg | 29 Kg | 32 Kg | 36 Kg | 40 Kg | 43 Kg | 47 Kg | 76 Kg | 81 Kg | 86 Kg | 92 Kg | 97 Kg | 103 Kg | 108 Kg | 113 Kg | 119 Kg | 124 Kg | 130 Kg | | | | | | |
| 1.9m | 27 Kg | 30 Kg | 34 Kg | 38 Kg | 42 Kg | 46 Kg | 49 Kg | 80 Kg | 86 Kg | 91 Kg | 97 Kg | 103 Kg | 108 Kg | 114 Kg | 120 Kg | 125 Kg | | | | | | | | |
| 2.0m | 28 Kg | 32 Kg | 36 Kg | 40 Kg | 44 Kg | 48 Kg | 78 Kg | 84 Kg | 90 Kg | 96 Kg | 102 Kg | 108 Kg | 114 Kg | 120 Kg | 126 Kg | | | | | | | | | |
| 2.1m | 29 Kg | 34 Kg | 38 Kg | 42 Kg | 46 Kg | 76 Kg | 82 Kg | 88 Kg | 95 Kg | 101 Kg | 107 Kg | 113 Kg | 120 Kg | 126 Kg | | | | | | | | | | |
| 2.2m | 31 Kg | 35 Kg | 40 Kg | 44 Kg | 48 Kg | 79 Kg | 86 Kg | 92 Kg | 99 Kg | 106 Kg | 112 Kg | 119 Kg | 125 Kg | | | | | | | | | | | |
| 2.3m | 32 Kg | 37 Kg | 41 Kg | 46 Kg | 76 Kg | 83 Kg | 90 Kg | 97 Kg | 104 Kg | 110 Kg | 117 Kg | 124 Kg | | | | | | | | | | | | |
| 2.4m | 34 Kg | 38 Kg | 43 Kg | 48 Kg | 79 Kg | 86 Kg | 94 Kg | 101 Kg | 108 Kg | 115 Kg | 122 Kg | 130 Kg | | | | | | | | | | | | |
| 2.5m | 35 Kg | 40 Kg | 45 Kg | 75 Kg | 83 Kg | 90 Kg | 98 Kg | 105 Kg | 113 Kg | 120 Kg | 128 Kg | | | | | | | | | | | | | |
| 2.6m | 36 Kg | 42 Kg | 70 Kg | 78 Kg | 86 Kg | 94 Kg | 101 Kg | 109 Kg | 117 Kg | 125 Kg | | | | | | | | | | | | | | |
| 2.7m | 38 Kg | 43 Kg | 73 Kg | 81 Kg | 89 Kg | 97 Kg | 105 Kg | 113 Kg | 122 Kg | 130 Kg | | | | | | | | | | | | | | |
| 2.8m | 39 Kg | 45 Kg | 76 Kg | 84 Kg | 92 Kg | 101 Kg | 109 Kg | 118 Kg | 126 Kg | | | | | | | | | | | | | | | |
| 2.9m | 41 Kg | 46 Kg | 78 Kg | 87 Kg | 96 Kg | 104 Kg | 113 Kg | 122 Kg | | | | | | | | | | | | | | | | |
| 3.0m | 42 Kg | 72 Kg | 81 Kg | 90 Kg | 99 Kg | 108 Kg | 117 Kg | 126 Kg | | | | | | | | | | | | | | | | |
| | 0.7 m | 0.8 m | 0.9 m | 1.0 m | 1.1 m | 1.2 m | 1.3 m | 1.4 m | 1.5 m | 1.6 m | 1.7 m | 1.8 m | 1.9 m | 2.0 m | 2.1 m | 2.2 m | 2.3 m | 2.4 m | 2.5 m | 2.6 m | 2.7 m | 2.8 m | 2.9 m | 3.0 m |