

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 Customer Services on 08000 350 650.

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
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Feasibility table

Width up to

Height up to

Maximum size by glass thickness

	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3000+	
700	10	11	13	14	15	17	18	20	21	22	24	25	27	28	29	31	32	34	35	36	38	39	41	42		
800	11	13	14	16	18	19	21	22	24	26	27	29	30	32	34	35	37	38	40	42	43	45	70	72		
900	13	14	16	18	20	22	23	25	27	29	31	32	34	36	38	40	41	43	45	70	73	76	78	81		
1000	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	72	75	78	81	84	87	90		
1100	15	18	20	22	24	26	29	31	33	35	37	40	42	44	69	76	73	76	79	83	86	89	92	96	99	
1200	17	19	22	24	26	29	31	34	36	38	41	43	46	72	76	79	83	86	90	94	97	101	104	108		
1300	18	21	23	26	29	31	34	36	39	42	44	70	74	78	82	86	90	94	98	101	105	109	113	117		
1400	20	22	25	28	31	34	36	39	42	45	71	76	80	84	88	92	97	101	105	109	113	118	122	126		
1500	21	24	27	30	33	36	39	42	68	72	77	81	86	90	95	99	104	108	113	117	122	126	131	135		
1600	22	26	29	32	35	38	42	45	48	77	82	86	91	96	101	106	110	115	120	125	130	134	139	144		
1700	24	27	31	34	37	41	44	48	77	82	87	92	97	102	107	112	117	122	128	133	138	143	148	153		
1800	25	29	32	36	40	43	47	76	81	86	92	97	103	108	113	119	124	130	135	140	146	151	157	162		
1900	27	30	34	38	42	46	49	80	86	91	97	103	108	114	120	125	131	137	143	148	154	160	165	171		
2000	28	32	36	40	44	48	78	84	90	96	102	108	114	120	126	132	138	144	150	156	162	168	174	180		
2100	29	34	38	42	46	76	82	88	95	101	107	113	120	126	132	139	145	151	158	164	170	176	183	189		
2200	31	35	40	44	48	79	86	92	99	106	112	119	125	132	139	145	152	158	165	172	178	185	191	198		
2300	32	37	41	46	76	83	90	97	104	110	117	124	131	138	145	152	159	166	173	179	186	193	200	207		
2400	34	38	43	48	79	86	94	101	108	115	122	130	137	144	151	158	166	173	180	187	194	202	209	216		
2500	35	40	45	75	83	90	98	105	113	120	128	135	143	150	158	165	173	180	188	195	203	210	218	225		
2600	36	42	70	78	86	94	101	109	117	125	133	140	148	156	164	172	Specialist / Bought in Product						234			
2700	38	43	73	81	89	97	105	113	122	130	138	146	154	162	170	178							243			
2800	39	45	76	84	92	101	109	118	126	134	143	151	160	168	176	185							252			
2900	41	70	78	87	96	104	113	122	131	139	148	157	165	174	183	191							261			
3000	42	72	81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216	225	234	243	252	261	270		
3000 +																										

4mm Annealed	Under 4 Under 46Kg and both sides not exceeding 1400mm
4mm Tough	Under 4Under 46Kg and both sides not exceeding 1400mm

6mm Annealed
6mm Tough

Max 80kg Weight
Max 150g Weight both sides not exceeding 2100