

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
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Feasibility table

Width up to

Height up to	Width up to																								3000+								
	700	800	900	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####		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		73	76	79	83	86	89	92	96	99									
1200	17	19	22	24	26	29	31	34	36	38	41	43	46	72	69	76	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	45	48	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	51	77	82	86	91	96	101	106	110	115	120	125	130	134	139	144								
1700	24	27	31	34	37	41	44	48	51	54	77	82	87	92	97	102	107	112	117	122	128	133	138	143	148	153							
1800	25	29	32	36	40	43	47	51	54	57	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	53	57	60	80	86	91	97	103	108	114	120	125	131	137	143	148	154	160	165	171						
2000	28	32	36	40	44	48	52	56	60	64	84	90	96	102	108	114	120	126	132	138	144	150	156	162	168	174	180						
2100	29	34	38	42	46	50	54	58	62	66	86	92	98	104	110	116	122	128	134	140	146	152	158	164	170	176	183	189					
2200	31	35	40	44	48	52	56	60	64	68	88	94	100	106	112	118	124	130	136	142	148	154	160	166	172	178	185	191	198				
2300	32	37	41	46	50	54	58	62	66	70	90	96	102	108	114	120	126	132	138	144	150	156	162	168	174	180	187	193	200	207			
2400	34	38	43	48	52	56	60	64	68	72	92	98	104	110	116	122	128	134	140	146	152	158	164	170	176	182	189	195	202	216			
2500	35	40	45	50	54	58	62	66	70	74	94	100	106	112	118	124	130	136	142	148	154	160	166	172	178	184	191	197	204	216			
2600	36	42	47	52	56	60	64	68	72	76	96	102	108	114	120	126	132	138	144	150	156	162	168	174	180	186	193	199	206	216			
2700	38	43	48	53	57	61	65	69	73	77	98	104	110	116	122	128	134	140	146	152	158	164	170	176	182	188	195	201	207	216			
2800	39	45	50	55	59	63	67	71	75	79	100	106	112	118	124	130	136	142	148	154	160	166	172	178	184	190	196	202	208	216			
2900	41	47	52	57	61	65	69	73	77	81	102	108	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216			
3000	42	48	53	58	62	66	70	74	78	82	104	110	116	122	128	134	140	146	152	158	164	170	176	182	188	194	200	206	212	216			
3000 +																																	

Specialist / Bought in Product

4mm Annealed	Under 40Kg and both sides not exceeding 1400mm	Annealed
4mm Tough	Under 46Kg and both sides not exceeding 1400mm	Tough

Max 80Kg Weight
Max 150Kg Weight both sides not exceeding 2100