

TECHNICAL AREA:

AURA PRODUCT SPECIFICATIONS



DESIGN LIMITATIONS AND PERFORMANCE CHARACTERISTICS - BS6375-1&2

CLASSIC WINDOWS

WINDOW TYPE	Min width (mm)	Min height (mm)	Max width (mm)	Max height (mm)	Max Perimeter (mm)	Max weight (kg)	Air (Pa)	Water (Pa)	Wind (Pa)
Top Hung	400	350	1300	1225	5050	50	Class 2	Class 7A	Class CE2400
Side Hung	350	400	710	1450	4320	40	Class 4	Class E750	Class CE2400
French Casement	350	400	710	1450	-	40	-	-	-
Fixed Dummy	350	350	1500	2100	-	-	Class 2	Class 7A	Class CE2400
Sash dimensions for windows with approved sash profiles:									
Projecting top hung	-	-	1300	1225	5050	-	Class 2	Class 7A	Class CE2400
Projecting side hung	-	-	710	4320	4320	-	Class 4	Class E750	Class CE2400
Overall dimensions for windows with approved outerframe profiles:									
Dummy vent	-	-	740	5620	5620	-	Class 2	Class 7A	Class CE2400
Fixed light	-	-	740	5620	5620	-	Class 4	Class 7A	3A
Multilight	-	-	1500	7200	7200	-	Class 2	Class 7A	Class CE2400

* Max sizes are overall sash sizes. The max sizes on the fixed dummy sash are interchangeable allowing you to achieve a window size of 2100w x 1470h.

PRESTIGE WINDOWS

WINDOW TYPE	Min width (mm)	Min height (mm)	Max width (mm)	Max height (mm)	Max Perimeter (mm)	Max weight (kg)	Air (Pa)	Water (Pa)	Wind (Pa)
Top Hung	380	330	1430	1260	-	Refer to hinge supplier specifications	Class 3	Class 8A	Class 4C
Side Hung	330	380	710	1450	-		Class 4	Class 9A	Class CE2400
French Casement	330	380	710	1450	-		Class 4	Class 9A	Class CE2400
Residential Door	600	-	1000	2500	-		Class 2	Class 2A	Class C3
French Door	600	-	1000	2500	-		Class 4	Class 2A	Class C3
Tilt & Turn	460	500	1428	1428	-		Class 4	Class 7A	Class CE2400
Fixed light	-	-	740	2040	-				

* Sizes are overall sash sizes, unless otherwise stated

Sash dimensions for for windows with approved sash profiles:			Max W (mm)	Max H (mm)	Max P (mm)		Air (Pa)	Water (Pa)	Wind (Pa)
Projecting top hung	-	-	1430	1260	5380	-	Class 3	Class 8A	-
Projecting side hung	-	-	710	1450	4320	-	Class 4	Class 9A	-
Tilt & Turn	-	-	1430	1430	5720	-	Class 4	Class 7A	-
Overall dimensions for for windows with approved outerframe profiles:			Max W (mm)	Max H (mm)	Max P (mm)		Air (Pa)	Water (Pa)	Wind (Pa)
Fixed light	-	-	740	2070	5620	-	Class 4	Class 7A	-
Multilight consisting fixed light	-	-	1470	1470	2.03	-	Class 4	Class 7A	-
Multilight consisting top hung opener	-	-	1470	1470	2.03	-	Class 3	Class 8A	-
Multilight side hung next to side hung	-	-	1470	1470	2.03	-	Class 4	Class 9A	-

BIFOLDING DOORS

TYPE	Min width (mm)	Min height (mm)	Max width (mm)	Max height (mm)	Perimeter	Max weight (kg)	Air (Pa)	Water (Pa)	Wind (Pa)
Bifold	800	1900	1200	2500	-	-	-	-	-
Sash open-in	600	1860	1220	2520	-	120	Class 2	Class 4A	C2
Sash open-out	600	1860	1220	2520	-	120	Class 4	Class 7A	A3
3 panes open-in (overall)	-	-	3800	2600	-	-	-	-	-
3 panes open-out (overall)	-	-	3800	2600	-	-	-	-	-

All calculations are undertaken with the use of Winlso (2.7.0) based on a 1230 x 1480 window as specified by BS EN 14351.

RESIDENTIAL DOOR LEAVES

TYPE	Min width (mm)	Min height (mm)	Max width (mm)	Max height (mm)	Perimeter	Max weight (kg)	Air (Pa)	Water (Pa)	Wind (Pa)
Single leaf (overall)	-	-	1100	2600	-	-	2	2A	C3
Active leaf	-	-	1005	2500	-	-	2	2A	C3
Single leaf (overall) SP702	-	-	1100	2557	-	-	2	5A	C3
Active leaf	-	-	1008	2500	-	-	2	5A	C3
Double leaf (overall)	-	-	2100	2555	-	-	4	2A	C3
Master leaf	-	-	1005	2500	-	-	4	2A	C3
Slave leaf	-	-	1040	2500	-	-	4	2A	C3

PATIO DOORS

		Sash height (mm)	Standard interlock Max Sash width (mm)	Slim interlock Max Sash width (mm)
Max overall width	6500mm	2500 (max)	1600	n/a
Max overall height	2500mm	2400	1900	1300
		2300	2400	1600
		2200	3000	2000
Max Sash weight	250kg/ 400kg (upgrade)	2100	3250	2600