

Orbis DG

Quick Sheet



Frameless Double
Glazed Partitioning

Think partitioning.
Think Komfort.

Orbis DG Quick Sheet



Orbis DG is an elegant 77mm wide by 25mm high double glazed partitioning system. The frameless I-Line dry jointed glazing and minimal trackwork provides contemporary aesthetics in any working environment, allowing an abundance of light to fill the space to naturally brighten any room.

Ideal for any busy environment, this system allows designers to create spaces for offices, meeting rooms and more with easy installation and flexibility.

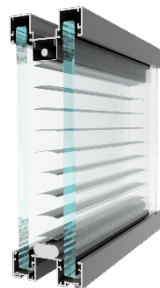
Overview

Maximum Screen Height	3000mm*
Maximum Module Width	1200mm
Maximum Doorset Height	3000mm*
Trackwork Dimensions	77x25mm
Deflection Head	None
Max. Acoustic Performance	49dB (R_w)*
Max. Structural Performance	0.74kN/m*
Max. Fire Performance	None

* Depending on configuration & specification



Typical Screen



Integral Blinds



Door Frame

Optional Extras & Finishes

✓ Blinds	✓ Manifestations	✓ Graphics	✓ Kross Glaze Bars
✗ Switch Glass	✗ Curved Glass	✓ Orbis DG Door	✓ Komfort Doors
✓ Integration with Komfire	✓ Powder Coat Finish	✗ Satin Anodised Finish	✗ Special Anodised Finish

* Depending on configuration & specification

Acoustic Performance Summary

	10mm	12mm	10.8mm	12.8mm
Glass & Joint Type	Toughened	Toughened	Aco. Lam.	Aco. Lam.
10mm Toughened with Dry Joints	-	44dB (R_w) [†]	-	-
12mm Toughened with Dry Joints	44dB (R_w) [†]	43dB (R_w) [†]	46dB (R_w) [†]	46dB (R_w) [†]
10.8mm Acoustic Lam. with Dry Joints	-	46dB (R_w) [†]	-	49dB (R_w) [†]
12.8mm Acoustic Lam. with Dry Joints	-	46dB (R_w) [†]	49dB (R_w) [†]	49dB (R_w) [†]

† This glass configuration has been assessed based on the glass manufacturers data by third party acoustic consultants.

Structural Performance Summary*

Glass & Joint Type	Max. Height Duty Ratings* to BS 5234-2:1992 (Annex A & Annex G)				Max. Height Line Loads* to BS 6180:2011	
	Light	Medium	Heavy	Severe	0.36kN/m	0.74kN/m
10mm Toughened with Dry Joints	2570mm	2420mm	2260mm	-	2500mm	-
12mm Toughened with Dry Joints	3000mm	3000mm	3000mm	3000mm	3000mm	3000mm
10.8mm Acoustic Lam. with Dry Joints	2550mm	2390mm	-	-	2200mm	-
12.8mm Acoustic Lam. with Dry Joints	3000mm	3000mm	3000mm	2900mm	2650mm	-

* Height limitations shown are for guidance only, site specific structural calculations will be required.

For further information please refer to the **Orbis DG** Design Guide or contact our Specification Team.