

Polar 30

Quick Sheet



Frameless Single
Glazed Partitioning

Think partitioning.
Think Komfort.

Polar 30 Quick Sheet



Polar 30 is an elegant 30mm wide single glazed system with a range of glass configurations available. The frameless bubble 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.

For any busy environment, this system allows designers to get imaginative with space by creating private meeting rooms, boardrooms, quiet areas and more. Increase flexibility and create the perfect working environment.

Overview

Maximum Screen Height	3000mm*
Maximum Module Width	1200mm
Maximum Doorset Height	3000mm*
Trackwork Dimensions	30x32mm
Deflection Head	+/- 25mm
Max. Acoustic Performance	40dB (R_w)*
Max. Structural Performance	0.74kN/m*
Max. Fire Performance	None

* Depending on configuration & specification



Typical Screen



Deflection Head



Door Frame

Optional Extras & Finishes

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

* Depending on configuration & specification

Performance Summary	Acoustics	Max. Height Duty Ratings* to BS 5234-2:1992 (Annex A & Annex G)				Max. Height Line Loads* to BS 6180:2011	
Glass & Joint Type	dB Rating	Light	Medium	Heavy	Severe	0.36kN/m	0.74kN/m
10mm Toughened with Bubble Joint	33dB (R_w)	2570mm	2420mm	2260mm	-	2500mm	-
12mm Toughened with Bubble Joint	34dB (R_w)	3000mm	3000mm	3000mm	3000mm	3000mm	3000mm
10.8mm Acoustic Lam. with Bubble Joint	38dB (R_w)	2550mm	2390mm	-	-	2200mm	-
12.8mm Acoustic Lam. with Bubble Joint	40dB (R_w)	3000mm	3000mm	3000mm	2900mm	2650mm	-
14.8mm Acoustic Lam. with Bubble Joint	40dB (R_w)	3000mm	3000mm	3000mm	3000mm	3000mm	2500mm
13.5mm Toughened Lam. with Bubble Joint	36dB (R_w)	3000mm	3000mm	3000mm	3000mm	3000mm	2450mm

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

For further information please refer to the **Polar 30** Design Guide or contact our Specification Team.



EPD



NBS Source



BIM Objects