

Polar 40

Quick Sheet

Frameless Single
Glazed Guarding

Think partitioning.
Think Komfort.

Polar 40 Quick Sheet



Polar 40 is a frameless single glazed guarding system, the 40mm trackwork takes 19.5mm or 21.5mm toughened laminated glass for increased structural stability up to 3.9m high. The frameless silicone 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 space or atrium.

Overview

Maximum Screen Height	3900mm*
Maximum Module Width	1600mm
Maximum Doorset Height	N/A
Trackwork Dimensions	40x32mm
Deflection Head	+/- 25mm
Acoustic Performance	Up to 43dB (R_w)*
Structural Performance	Up to 1.5kN/m*
Fire Performance	None

* Depending on configuration & specification



Typical Screen



Deflection Head

Optional Extras & Finishes

✖ Blinds	✓ Manifestations	✓ Graphics
✓ Cross Glaze Bars	✖ Switch Glass	✖ Curved Glass
✓ Polyester Powder Coat Finish	✖ Satin Anodised Finish	✓ Special Anodised Finish

* Depending on configuration & specification

Performance Summary		Acoustics		Max. Height Line Loads to BS 6180:2011			
Glass & Joint Type	dB Rating	Weight	Interlayer	Width	0.36kN/m	0.74kN/m	1.5kN/m
19.5mm Toughened Lam. with Silicone Joints	41dB (R_w)	49kg/m ²	PVB	1200mm	-	3400mm	2225mm
			Interlayer	1600mm	-	3400mm	2375mm
			SentryGlas®	1200mm	-	3600mm	3050mm
			Interlayer	1600mm	-	3600mm	3100mm
21.5mm Toughened Lam. with Silicone Joints	43dB (R_w)	54kg/m ²	PVB	1200mm	-	3600mm	2800mm
			Interlayer	1600mm	-	3600mm	2840mm
			SentryGlas®	1200mm	-	3900mm	3575mm
			Interlayer	1600mm	-	3900mm	3575mm

For further information please refer to the **Polar 40** Design Guide or contact our Specification Team.



This product is available on **NBS Source**.



BIM Objects are available for this product.



THE INTERNATIONAL EPD® SYSTEM

Product EPD currently in progress.

Birmingham Head Office
Tel | +44 (0) 121 332 2560
headoffice@komfort.co.uk

Specifier Support
Tel | +44 (0) 121 332 2550
specifiersupport@komfort.co.uk

Technical Support
Tel | +44 (0) 1403 390 390
technical@komfort.co.uk