

Polar 54

At a glance

Dimension:

Height up to 3000mm

Fire ratings:

N/A

Acoustics:

Up to 47dB (Rw)*

Structure:

Up to severe duty

Deflection head:

+/-25mm

Door options:

Timber doors

Single glazed doors

Sonik doors

Glass type options:

10/12mm Toughened

10.8/12.8/14.8mm Acoustic Lam.

Weight:

10mm Toughened = 25kg/m2

12mm Toughened = 30kg/m2

10.8mm Ac. Lam. = 27kg/m2

12.8mm Ac. Lam. = 32kg/m2

14.8mm Ac. Lam. = 37kg/m2

× Blinds

✓ Manifestations

✓ Graphics

✓ SwitchGlass

✓ Kross Glaze

Paint/ finishes

✓ Polyester powder coat

× Satin anodised aluminium

✓ Special anodised finish

* Dependent on system configuration / specification



Polar 54 is Komfort's 54mm wide system available with a range of glass configurations, including a slimline double glazed option. Polar 54 system provides flexible design solutions for the recent architectural trend of narrow-gauge glazed partitioning, without compromising on strength and performance. The frameless bubble jointed glazing and minimal trackwork creates a stunning environment for any interior.

This slim glazed partitioning system offers the perfect solution for designers to create the impression of space, whilst helping businesses best utilise their office planning. The structure of Polar 54 blends functionality, performance and high-end design.

System specification

The Polar 54 system achieves an impressive acoustic performance of to 47dB (Rw) in a slimline frame. The system can accommodate 10mm to 14.8mm glass in either a single or double-glazed format. There are options for +/-25mm deflection channels, as well as 100mm drywall tape and joint adaptor and Komfire 75 and 100 wrap around reducers.

This system is compatible with Kross Glaze applied bars with the option of an internal Kross Glaze bar for the double glazed version. Polar 54 can be installed alongside Komfort's Sonik, single glazed and timber door options. To create an elegant and stylish design, all aluminium sections are powder coated any RAL or BS colour code.

Think partitioning, think Komfort.

Birmingham Office/Head Office

Tel: +44 (0)121 332 2560

Email: headoffice@komfort.com

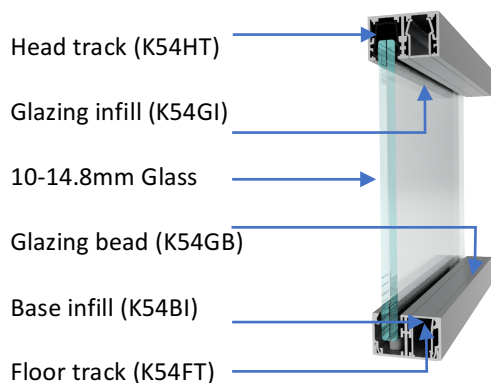
Technical Support

Email: technical@komfort.com

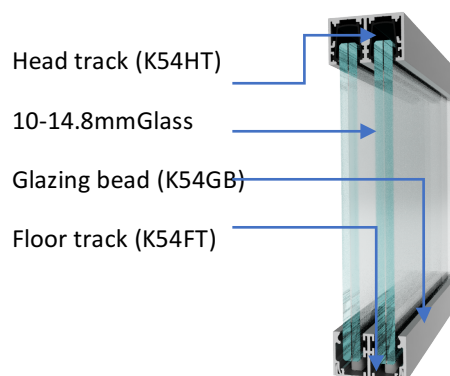
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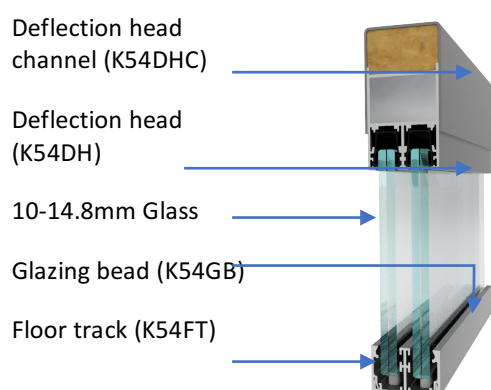
Polar 54



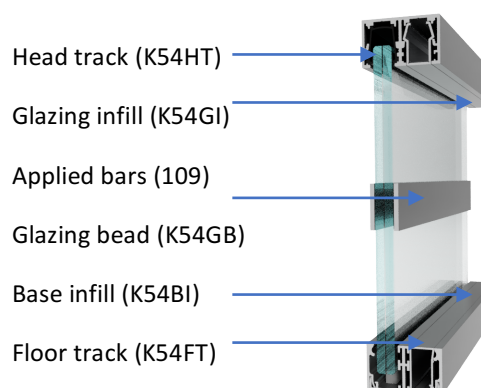
Standard Offset Single Glazed
Head and Base Detail



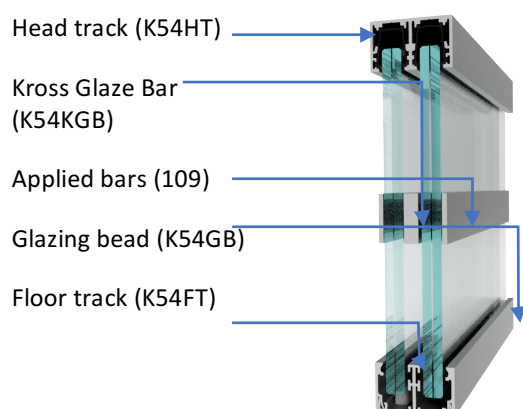
Standard Double Glazed
Head and Base Detail



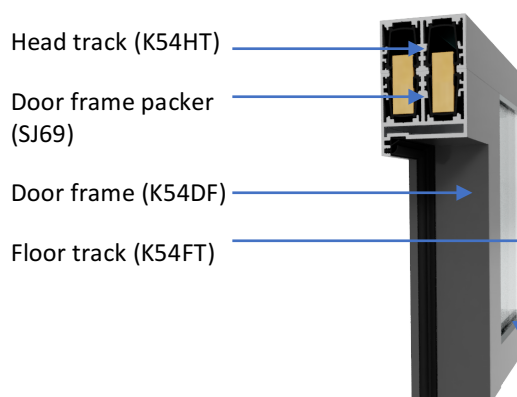
Standard +/-25mm Deflection
Head and Base Detail



Offset Single Glazed Kross Glaze
Applied Bars Detail



Double Glazed Kross Glaze
Applied Bars Detail



Full Height Door Frame
Detail

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