

# Polar 54

## At a glance

### Dimension:

Height up to 3000mm  
Track width – 54mm  
Track height – 32mm

### Fire ratings:

N/A

### Acoustics:

Up to 47dB (Rw)\*

### Structure:

Up to BS 6180 - 0.74kN

### Deflection head:

+/-25mm

### Door options:

Timber doors  
Single glazed doors  
Sonik doors

### Glass type options:

Toughened – 10,12mm  
Toughened Lam. – 13.5mm  
Acoustic Lam. - 10.8, 12.8, 14.8mm

### Weight:

10mm Toughened = 25kg/m2  
12mm Toughened = 30kg/m2  
13.5mm Tou. Lam. = 34kg/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.

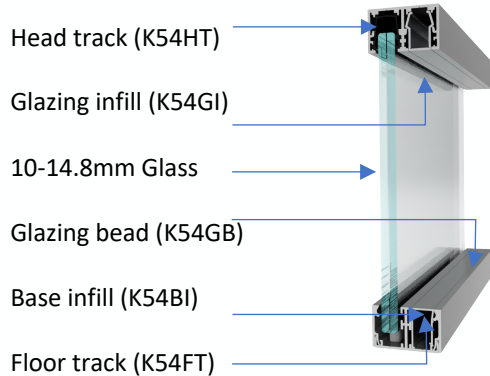
Think partitioning, think Komfort.

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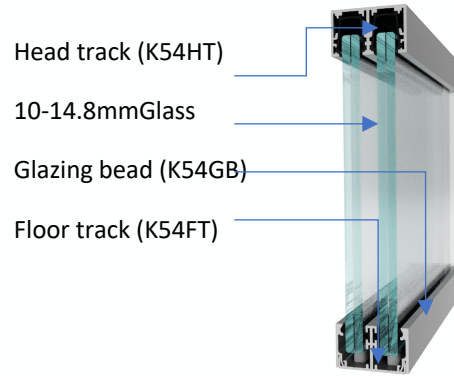
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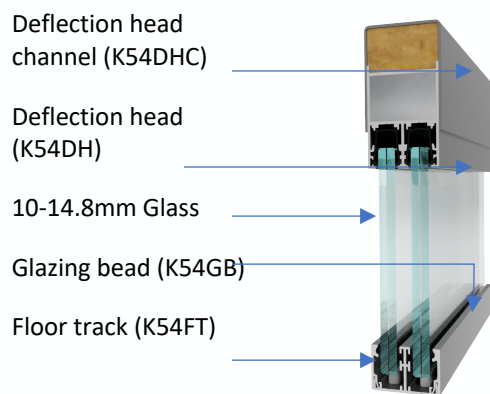
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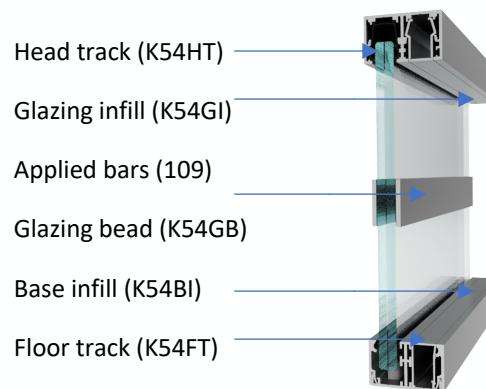
Standard Offset Single Glazed Head and Base Detail



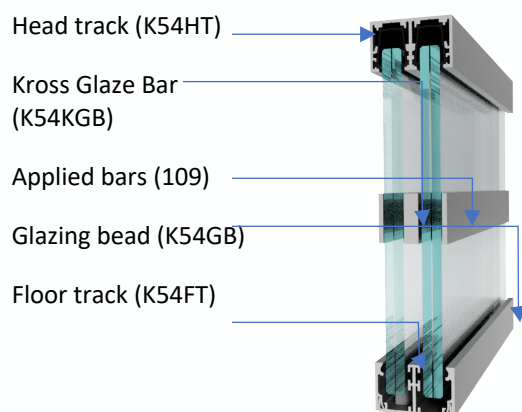
Standard Double Glazed Head and Base Detail



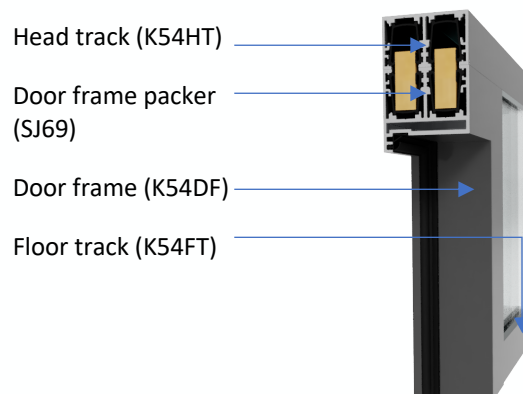
Standard +/-25mm Deflection Head and Base Detail



Offset Single Glazed Cross Glaze Applied Bars Detail



Double Glazed Cross Glaze Applied Bars Detail



Full Height Door Frame Detail

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