

## Polar 101

### At a glance

#### Dimensions:

Height - up to 3600mm

Track width – 100mm

Track height – 32mm

#### Fire ratings:

N/A

#### Acoustics:

Double glazed – up to 54dB (Rw)

#### Structure:

Up to severe duty

#### Deflection head:

+/-25mm

#### Door options:

Timber doors

Single glazed doors

Sonik doors

#### Glass type options:

Toughened – 10, 12mm

Acoustic Lam. – 10.8, 12.8,

14.8mm

Acoustic Lam. - 16.8

Toughened Lam. - 17.5mm

Triple Glazed Acoustic Lam.

– 6.8mm

#### Weight (excluding nominal head & base)\*:

Toughened:

10mm = 25kg/m<sup>2</sup>

12mm = 30kg/m<sup>2</sup>

Acoustic Lam.:

10.8mm = 27kg/m<sup>2</sup>

12.8mm = 32kg/m<sup>2</sup>

14.8mm = 37kg/m<sup>2</sup>

16.8mm = 42kg/m<sup>2</sup>

Toughened Lam.:

17.5mm = 43.75kg/m<sup>2</sup>

#### ✓ Blinds

#### ✓ Manifestations

#### ✓ Graphics

#### ✓ SwitchGlass

#### ✓ Kross Glaze

#### Paint/ finishes

#### ✓ Polyester powder coat

#### X Satin anodised aluminium

#### ✓ Special anodised finish

\* dependent on system configuration / specification n



Polar 101 is Komfort's superior double glazed system which achieves our highest acoustic rating for when performance requirements are stringent. This system is available in a range of glass options and can be customised to meet unique requirements.

Introduced to meet the needs of busy working spaces, this system delivers unparalleled performance and beauty in design.

### System specification

The Polar 101 double glazed system is the ultimate choice when acoustic and structural performance requirements are stringent. This system achieves our highest acoustic rating of 54dB (Rw) and can accommodate a range of customisable glass options. The offset profile takes 16.8mm-17.5mm glass on one side and 10-14.8mm on the other.

Similar to Polar 100, using the snap-in profile Polar 101 can fit a third pane of glass, a mesh panel, an LED screen and more. Polar 101 is compatible with Komfort's Sonik, glazed and timber doors. For an industrial aesthetic, this system is available with a range of Kross Glaze options including internal only and internal with applied bars.

Think partitioning, think Komfort.

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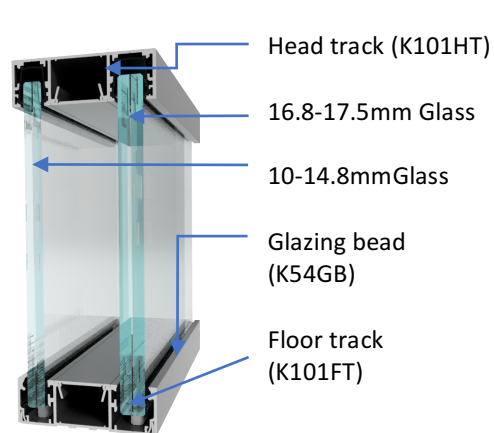
Technical Support

Email: technical@komfort.com

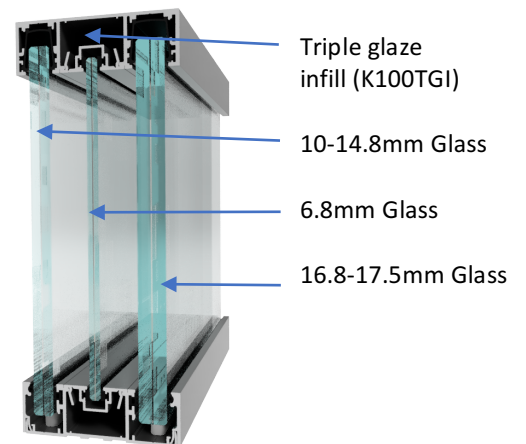
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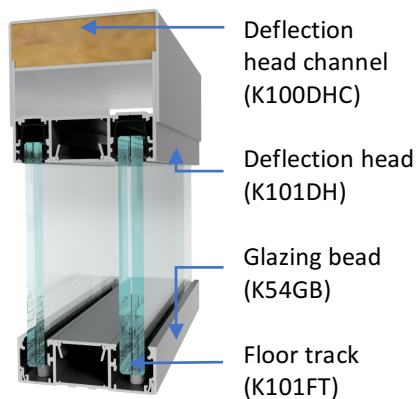
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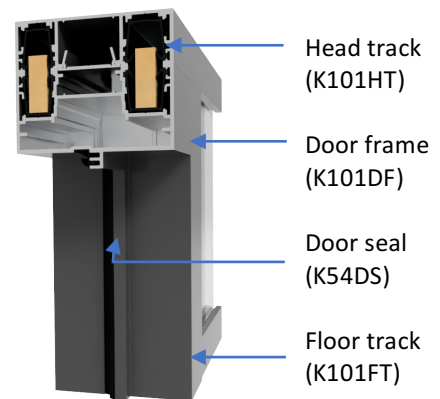
Standard Double Glazed  
Head and Base Detail



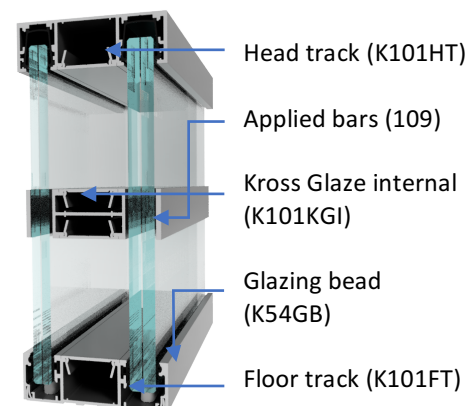
Standard Triple Glazed  
Head and Base Detail



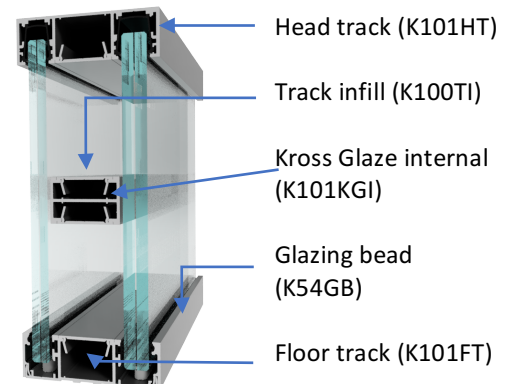
Standard +/-25mm Deflection  
Head and Base Detail  
Detail



Double Glazed Door Frame Detail



Double Glazed with Applied Kross Glaze



Double Glazed with Kross Glaze Internal

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