



Think Partitioning.
Think Komfort



Think Partitioning, Think Komfort.

Komfort divide spaces by designing and manufacturing internal glazed and solid partitions with integrated door sets.

We are quality UK manufacturers, proud of our long standing relationships built on service, flexibility and technical support. Our knowledgeable and experienced specialists deliver the architect's vision through our extensive contractor network.

Think Partitioning,
Think Komfort.

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Frameless Partitioning

Minimalism conveys a message of simplicity by focusing on function and clean space, the essential elements of what makes an interior beautiful. Achieved through our elegant frameless glass systems, this design trend is continually embraced by designers and stands the test of time.

With an intrinsic focus on designing equal frame sight lines, our new Polar range offers an array of stunning, frameless glass partitioning systems available in single, double and triple-glazed options. Equal frame sight lines deliver on aesthetics but also allow each system to be fully complementary of one another and work as one, giving you ultimate flexibility in choice. Achieved through intelligent design, these systems offer superior performance ratings which have been independently certified and tested.

Realise your vision by exploring our Polar range.





Polar 30

Polar 30 is Komfort's slim 30mm wide single glazed system. Available in either straight, faceted or curved, this system can be used with a wide range of flexible glass configurations to enhance any design. The frameless bubble jointed glazing and slim trackwork creates the appearance of floating glass, allowing an abundance of light to fill the space to naturally brighten any room.

For any busy environment, this partitioning system allows designers to get imaginative with space by creating private meeting rooms, boardrooms, quiet areas and so on. Increase flexibility and create the perfect working environment with Polar 30.

At a glance

Dimensions:

Height - up to 3000mm
Track width - 30mm
Track height - 32mm

Fire ratings:

N/A

Acoustics:

Up to 40dB (Rw)

Structure:

up to 0.74kN BS 6180:2011

Deflection head:

+/-25mm

Door options:

Timber doors
Single glazed doors
Sonik doors

Door frame options:

Aluminium door frame

Glass type options:

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

Weight (excluding nominal head & base)*:

Toughened glass:

10mm = 25kg/m²

12mm = 30kg/m²

Toughened Lam. glass:

13.5mm = 34kg/m²

Acoustic Lam. glass:

10.8mm = 27kg/m²

12.8mm = 32kg/m²

14.8mm = 37kg/m²

x Blinds

✓ Manifestations

✓ Graphics

✓ SwitchGlass

✓ Kross Glaze

Paint/finishes

✓ Polyester powder coat

x Satin anodised aluminium

✓ Special anodised finish

* dependent on system configuration / specification

See our technical documents on our website for more:

www.komfort.com/panel

Polar 30

Achieving up to 40dB (Rw), Polar 30 offers impressive performance credentials with a discreet structure and accommodates up to 14.8mm glass. This system can be integrated with a stud partition with Komfire 75 and 100 wrap around reducers, wrap around door frame and head detail or a 100mm drywall tape and joint adaptor for a seamless finish.

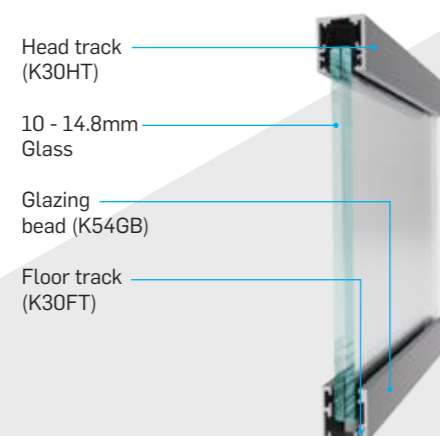
See our website for our [Design Guide](#) for more details.

Polar 30 is also compatible with Komfort's Sonik, single glazed and timber door options. There is also an optional deflection head channel with a built-in tolerance of +/-25mm available.

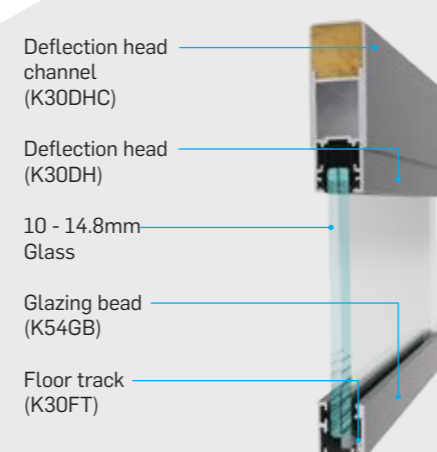
Kross Glaze applied bars can create an industrial appearance to suit the desired aesthetics. In addition, all aluminium components are powder coated using our standard colour options with special colour options available in any RAL or BS colour code.



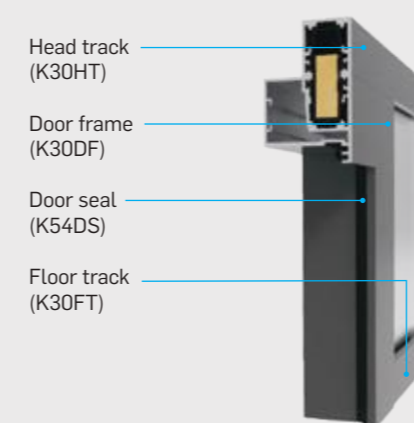
Standard Single Glazed Head and Base Detail



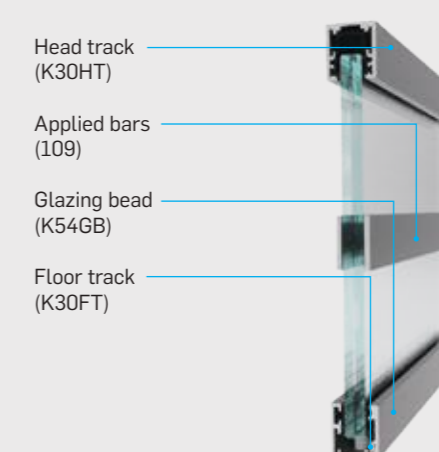
Standard +/-25mm Deflection Head and Base Detail



Standard Full Height Door Frame Detail



Single Glazed with Applied Kross Glaze Bars





Polar 35

Polar 35 is Komfort's superior 35mm single glazed system which can accommodate a thicker glass to achieve enhanced acoustic and structural performance.

This system offers leading single glazed acoustic ratings and is ideal for areas that require enhanced line loading. Polar 35 creates a contemporary aesthetic in any commercial environment.

At a glance

Dimensions:

Height - up to 3600mm
Track width - 35mm
Track height - 32mm

Fire ratings:

N/A

Acoustics:

Up to 41dB (Rw)

Structure:

Up to 1.5kN BS 6180:2011

Deflection head:

+/-25mm

Door options:

Timber doors
Single glazed doors
Sonik doors

Glass type options:

Toughened - 15mm
Toughened Lam. - 17.5mm
Acoustic Lam. - 16.8mm

Weight (excluding nominal head & base)*:

Toughened glass:
15mm = 38kg/m²
Toughened Lam. glass:
17.5mm = 44kg/m²
Acoustic Lam. glass:
16.8mm = 42kg/m²

✗ Blinds

✓ Manifestations

✓ Graphics

✓ SwitchGlass

✓ Kross Glaze

Paint/finishes

✓ Polyester powder coat

✗ Satin anodised aluminium

✓ Special anodised finish

* dependent on system configuration / specification.

See our technical documents on our website for more:

www.komfort.com/panel

Polar 35

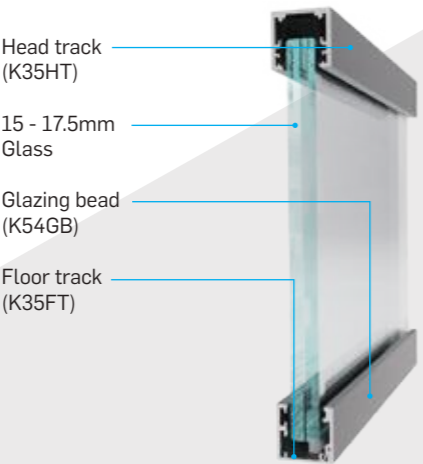
Polar 35 is our superior single glazed system which accommodates glass up to 17.5mm, achieving increased line load performance and higher acoustic ratings of up to 41dB (Rw). Similar to Polar 30, this system can be integrated with a stud partition with either Komfire 75 and 100 wrap around reducers, wrap around door frame or a 100mm drywall tape and joint adaptor. Additionally, seamless integration with a stud partition can be achieved using Komfire 100 head detail.

Polar 35 is also compatible with Komfort's Sonik, single glazed and timber door options. There is also an optional deflection head channel with a built-in tolerance of +/-25mm available.

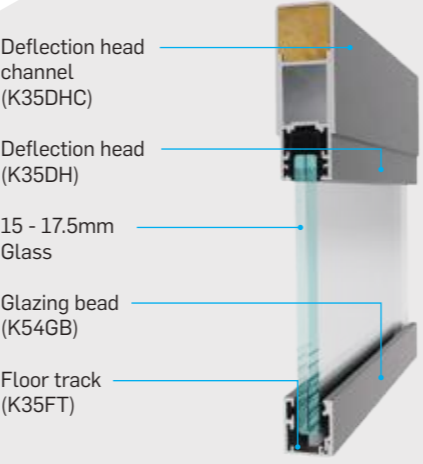
In addition, Kross Glaze applied bars can create an industrial appearance to suit the desired aesthetics. All aluminium components are available in a range of paints and finishes, including any RAL or BS colour code.



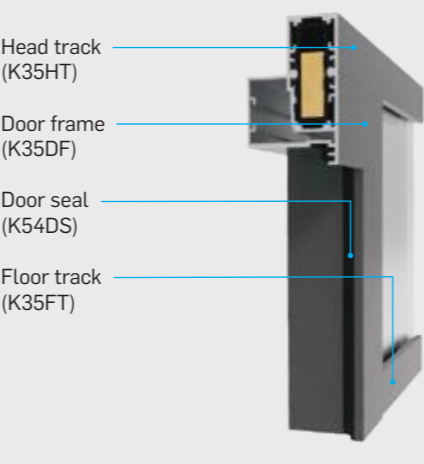
Standard Single Glazed Head and Base Detail



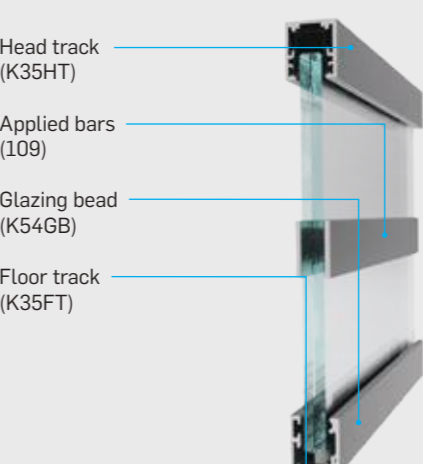
Standard +/-25mm Deflection Head and Base Detail



Standard Full Height Door Frame Detail



Single Glazed with Applied Kross Glaze Bars





Polar 40

Single Glazed Guarding

Komfort's high performance Polar 40 system is designed for use as a full height barrier for atriums and high level, high traffic scenarios, such as airport corridors, where guarding is required for public safety. Thicker, toughened and laminated glass, with wider channels increase the safety and structural performance over a fall, at any height.

At a glance

Dimensions:

Height – up to 3900mm*
Module width – up to 1600mm
Trackwork Dimensions – 40x32mm

Fire ratings: N/A

Acoustics:

Single glazed up to 43dB (Rw)*
Double glazed up to 53dB (Rw)*

Structural Performance:

BS 6180:2011 – up to 1.5kNm*

Deflection head:

+/-25mm

Door options: N/A

Glass type options:

19.5mm Toughened Laminated
(PVB or SentryGlas® Interlayer)
21.5mm Toughened Laminated
(PVB or SentryGlas® Interlayer)

Weight

(exc. nominal head & base)*:

Toughened Laminated with
PVB Interlayer:

19.5mm = 49kg/m2

Toughened Laminated with
PVB Interlayer:

21.5mm = 51kg/m2

Toughened Laminated with
SentryGlas® Interlayer:

19.5mm = 49kg/m2

Toughened Laminated with
SentryGlas® Interlayer:

21.5mm = 51kg/m2

Compatible with:

x Blinds

✓ Manifestations

✓ Graphics

✓ Kross Glaze

x Curved Glass

Paint/finishes

✓ Polyester powder coat

x Satin anodised aluminium

✓ Special anodised finish

* dependent on system
configuration / specification.

See our technical documents on
our website for more:

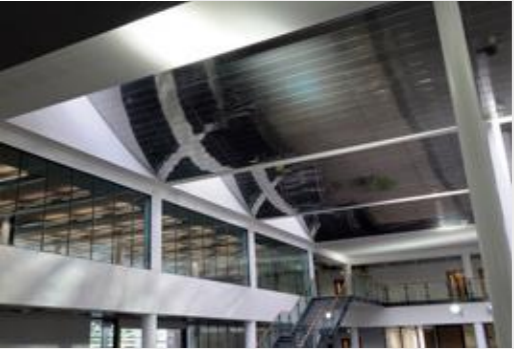
www.komfort.com/panel

Polar 40

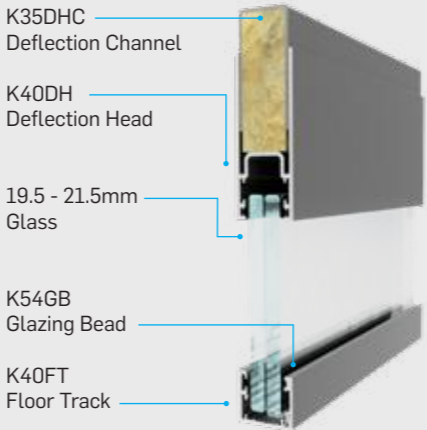
Single Glazed Guarding

A glazed guarding solution, Polar 40, is a 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 area.

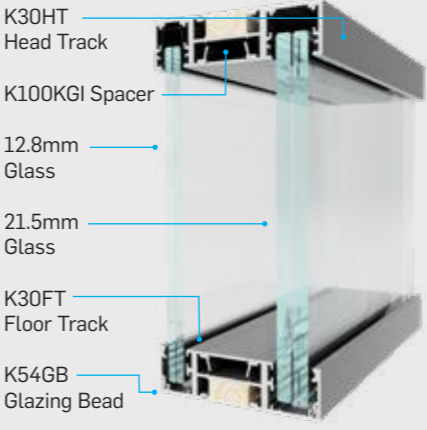
The 40mm wide trackwork takes 19.5mm and 21.5mm toughened laminated glass, for increased structural stability up to 3.6m high with PVB interlayers or up to 3.9m with SentryGlas® interlayers to act as a barrier over a fall.



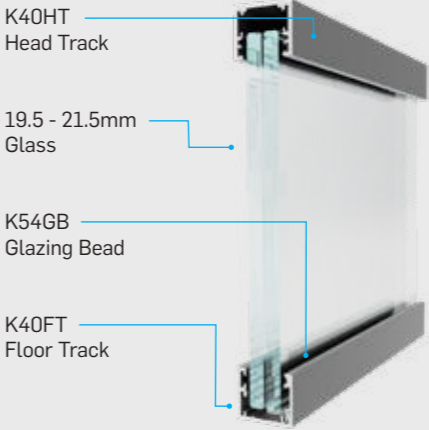
Deflection Head



Double Glazed



Screen





Polar 54

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.

At a glance

Dimensions:

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

Fire ratings:

N/A

Acoustics:

Up to 47dB (Rw)

Structure:

Up to 0.74kN BS 6180:2011

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 (excluding nominal head & base)*:

Toughened:
10mm = 25kg/m²
12mm = 30kg/m²

Toughened Lam. glass:

13.5mm = 34kg/m²

Acoustic Lam.:

10.8mm = 27kg/m²
12.8mm = 32kg/m²
14.8mm = 37kg/m²

✓ Blinds

✓ Manifestations

✓ Graphics

✓ SwitchGlass

✓ Kross Glaze

Paint/finishes

✓ Polyester powder coat

x Satin anodised aluminium

✓ Special anodised finish

* dependent on system configuration / specification.

See our technical documents on our website for more:

www.komfort.com/panel

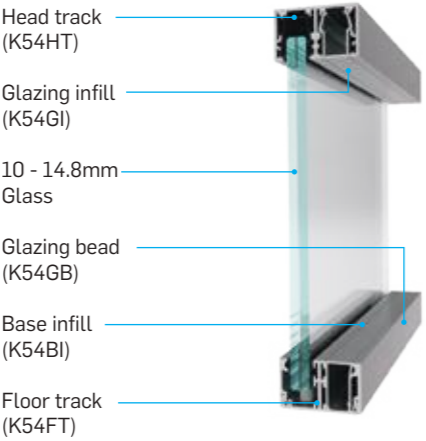
Polar 54

The Polar 54 system achieves an impressive acoustic performance of up to 47dB (Rw) in a slimline frame. The system can accommodate 10mm to 14.8mm glass in either a single or double-glazed format.

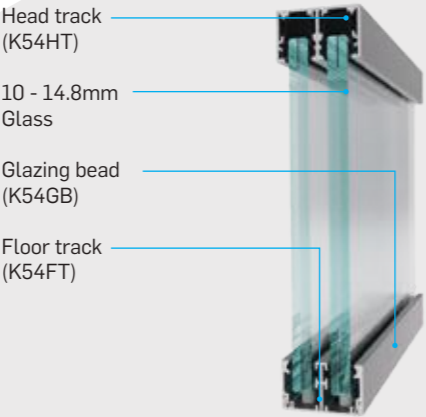
There are options for +/-25mm deflection channels, as well as 100mm drywall tape and joint adaptor and Komfire 75 and 100 wrap around reducers.

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.

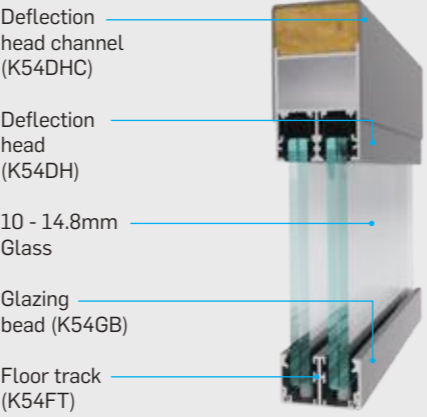
Standard Offset Single Glazed Head and Base Detail



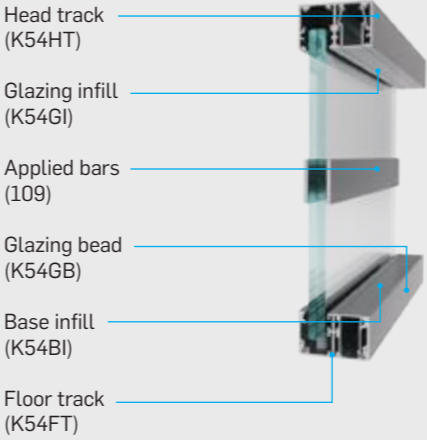
Standard Double Glazed Head and Base Detail



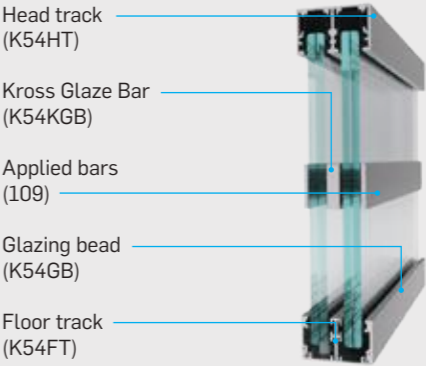
Standard +/-25mm Deflection Head and Base Detail



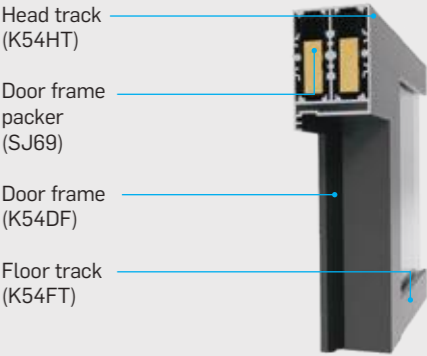
Offset Single Glazed Kross Glaze Applied Bars Detail



Double Glazed Kross Glaze Applied Bars Detail



Full Height Door Frame Detail





Polar 100

Komfort's 100mm double glazed system is designed with enhanced performance over that of our single glazed products. The intricate detail and intelligent design of this system combines contemporary aesthetics, elegance and performance. This system is available in either straight lines or faceted.

With busy open-plan offices, quiet spaces are essential. Our Polar 100 system allows for private and confidential spaces with its high acoustic performance.

At a glance

Dimensions:

Height - up to 3000mm
Track width - 100mm
Track height - 32mm

Fire ratings:

N/A

Acoustics:

Double glazed - up to 53dB (Rw)

Structure:

Up to 1.5kN BS 6180:2011

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
Triple Glazed Acoustic Lam. - 6.8mm

Weight (excluding nominal head & base)*:

Toughened glass:

10mm = 25kg/m²
12mm = 30kg/m²

Toughened Lam. glass:

13.5mm = 34kg/m²

Acoustic Lam. glass:

10.8mm = 27kg/m²
12.8mm = 32kg/m²
14.8mm = 37kg/m²

✓ Blinds

✓ Manifestations

✓ Graphics

✓ SwitchGlass

✓ Kross Glaze

Paint/finishes

✓ Polyester powder coat

✗ Satin anodised aluminium

✓ Special anodised finish

* dependent on system configuration / specification.

See our technical documents on our website for more:

www.komfort.com/panel

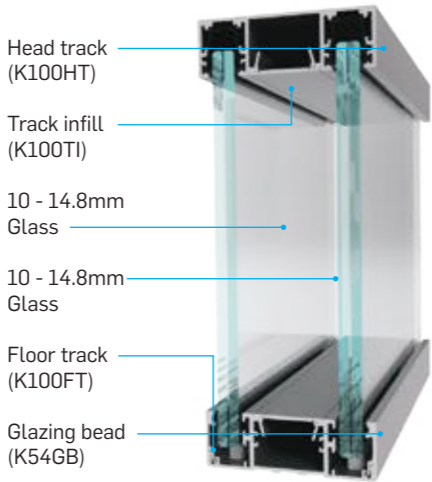
Polar 100

The Polar 100 double glazed system achieves high acoustic ratings of up to 53dB (Rw) and can accommodate up to 14.8mm glass. Using the snap-in profile, this fully-flexible system can also fit a third pane of glass, a mesh panel, an LED screen and more.

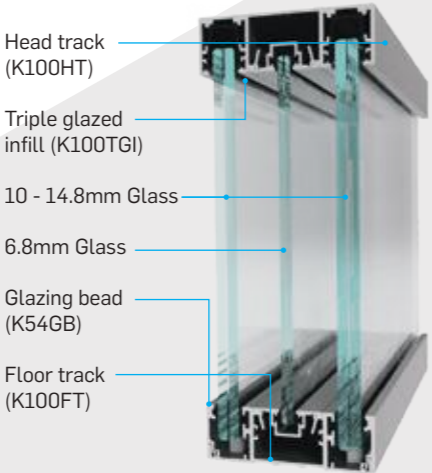
This system offers versatility in configuration. Polar 100 can be integrated with a stud partition with a Komfire 100 perpendicular three-way wrap around adaptor with glazing to the front, a wrap around door frame and head detail or a 100mm drywall tape and joint adaptor. There is also an optional deflection head channel with a built-in tolerance of +/-25mm available. See our [Design Guide](#) for more details.

This system is available in a range of Kross Glaze options, from internal only, internal with applied bars and transom and mullion glazing to create a framed glazing system with individual glass panes.

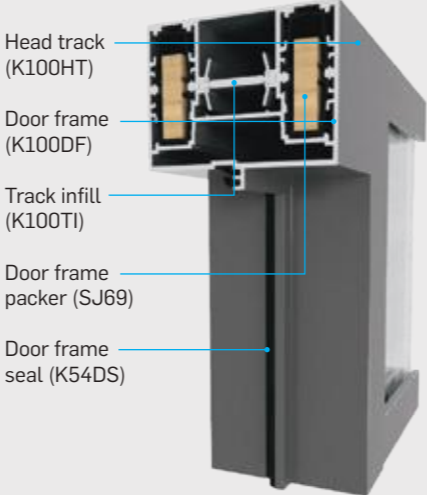
Standard Double Glazed Head and Base Detail



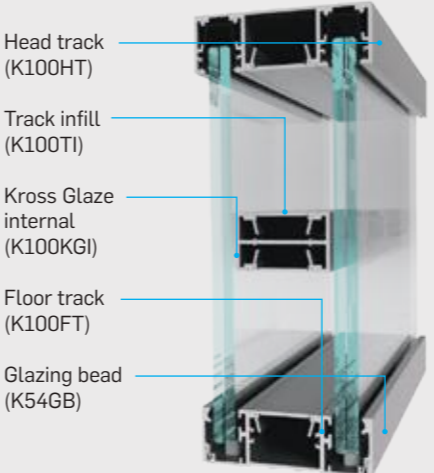
Triple Glazed Head and Base Detail



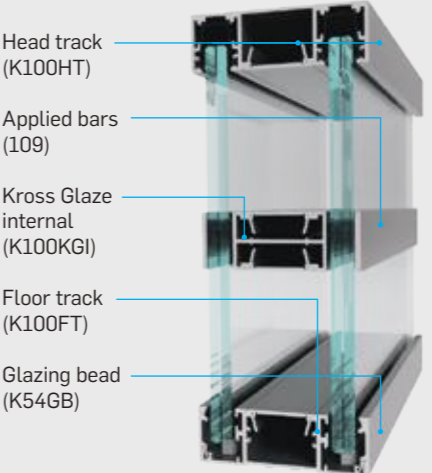
Standard Full Height Door Frame Detail



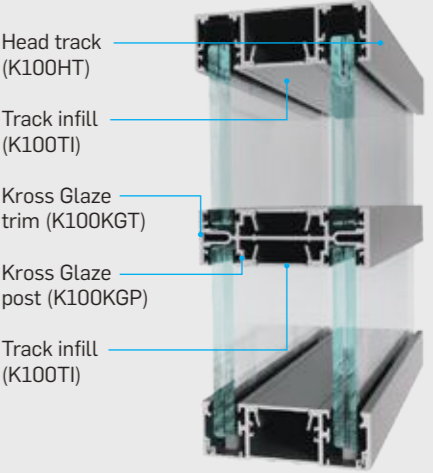
Double Glazed with Kross Glaze Internal



Double Glazed with Applied Kross Glaze



Double Glazed with Kross Glaze Transom





Polar 101

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.

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 1.5kN BS 6180:2011

Deflection head:

+/-25mm

Door options:

Timber doors
Single glazed doors
Sonik doors

Glass type options:

Toughened - 10, 12, 15mm
Acoustic Lam. - 10.8, 12.8, 14.8mm
Acoustic Lam. - 16.8mm
Toughened Lam. - 13.5, 17.5mm
Triple Glazed Acoustic Lam. - 6.8mm

Weight (excluding nominal head & base)*:

Toughened:

10mm = 25kg/m²

12mm = 30kg/m²

15mm = 38kg/m²

Acoustic Lam.:

10.8mm = 27kg/m²

12.8mm = 32kg/m²

14.8mm = 37kg/m²

16.8mm = 42kg/m²

Toughened Lam.:

13.5mm = 34kg/m²

17.5mm = 43.75kg/m²

✓ Blinds

✓ Manifestations

✓ Graphics

✓ SwitchGlass

✓ Kross Glaze

Paint/finishes

✓ Polyester powder coat

x Satin anodised aluminium

✓ Special anodised finish

* dependent on system configuration / specification.

See our technical documents on our website for more:

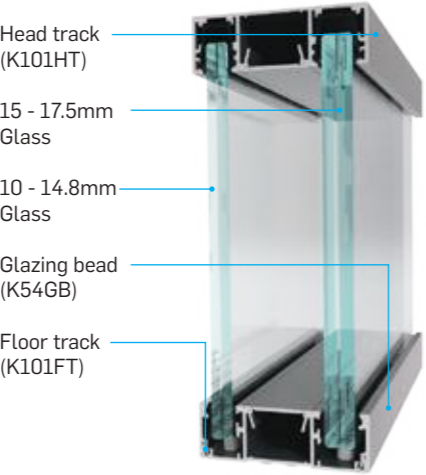
www.komfort.com/panel

Polar 101

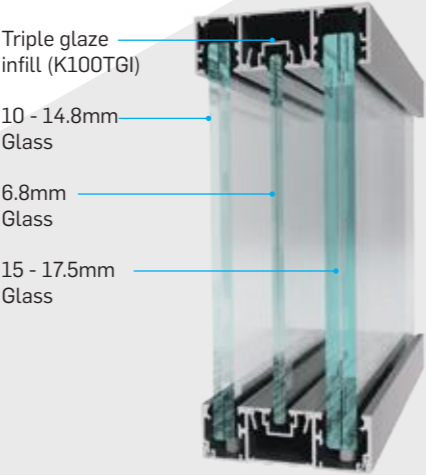
The Polar 101 double glazed system is the ultimate choice when acoustic and structural performance requirements are stringent. This system achieves our highest acoustic rating of 54dB (Rw) and can accommodate a range of customisable glass options. The offset profile takes 15mm-17.5mm glass on one side 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 and can seamlessly be integrated with stud partitioning using Komfire wrap around reducers and wrap around door frame. For an industrial aesthetic, this system is available with a range of Kross Glaze options including internal only and internal with applied bars.

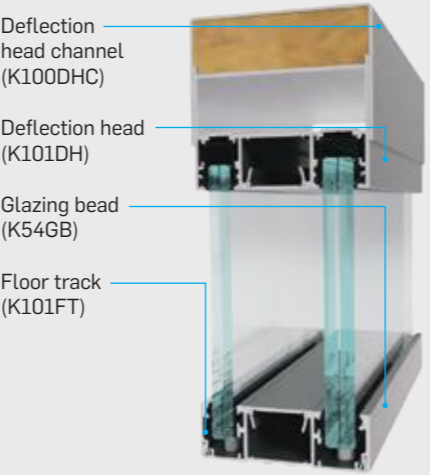
Standard Double Glazed Head and Base Detail



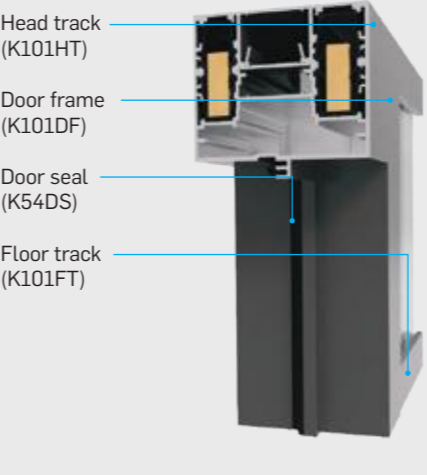
Standard Triple Glazed Head and Base Detail



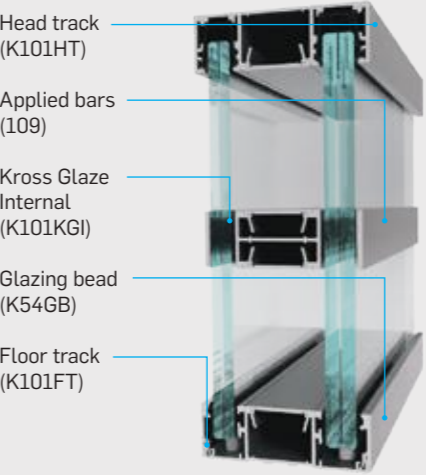
Standard +/-25mm Deflection Head and Base Detail



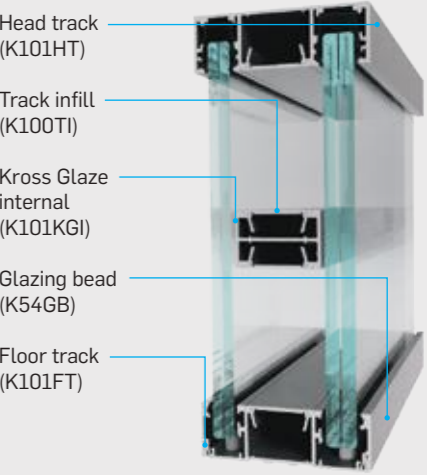
Full Height Double Glazed Door Frame Detail



Double Glazed with Applied Kross Glaze



Double Glazed with Kross Glaze Internal





Polar Kreate

Polar Kreate is the ultimate solid cross wall solution to compliment the glazed Polar suite office frontages, engineered to accommodate individual requirements and future change. Offering visual and acoustic privacy between spaces, the system encourages flexibility in design through diverse panel options, impressive materials and unlimited application possibilities. Designers are increasingly wanting to create spaces that can accommodate a variety of work styles through adaptable design.

Panel modules are interchangeable from a range of materials to complement the design of any interior. The hung panel design with recessed head and base creates a true floating panel effect with no visible framing on solid elements. From powder coated steel panels, to veneers, fabrics and even living walls, this solid partitioning system compliments and fully integrates with the glazed Polar range.

Allow your creativity to flourish and adaptability to take precedence.

At a glance

Dimensions:

Height up to 3.0m

Module Width up to 1.15m*

Acoustic:

Acoustic range from 43dB (Rw) to 45dB (Rw) depending on no glazed panels and panel material. (Acoustic (Rw, maximum). Steel faced plasterboard panels: 45dB. Veneered panels: 43dB.

Structural Performance

Severe Duty up to 3.0m (BS 5234-2:1992)

Fire Performance:

None

Adjustment:

+/-10mm at Head

+/-15mm at Base

+/-20mm at Wall

Panel Options:

Steel Panels

Veneered MDF Panels

MFC Panels

Fabric Panels

Pinnable Fabric Panels

Living Wall Panels

Moss Wall Panels

System Integration:

Polar 30, 35, 54, 100, 101 & 112

Optional Extras and Finishes

Graphics+

Polyester Powder Coat Finish -

Satin Anodised Finish+

Special Anodised Finish+

* dependent on system configuration / specification

See our technical documents on our website for more:

www.komfort.com/panel

Polar Kreate

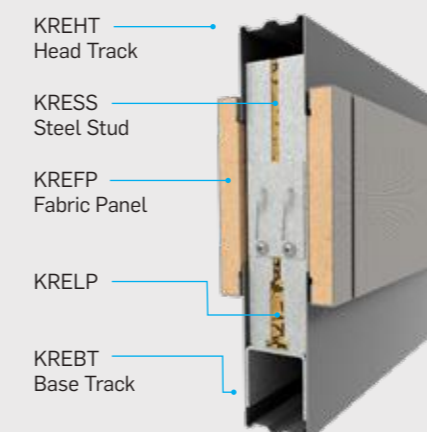
Komfort's 100mm wide hung panel system offers the versatility of different panel finishes with acoustic performance of up to 45dB (RW) and structural performance of Severe Duty to 3000mm high. With maximum module widths of 1150mm wide, the panels can be full height

Engineered for flexibility during installation, allowing for adjustment of +/-10mm at the head, +/-15mm at the base and +/-20mm at the wall abutments. The floor track also incorporates an adjustable leveling platform to ensure steel studs, and the feature panels, are inline even when the floor and ceiling are running out.

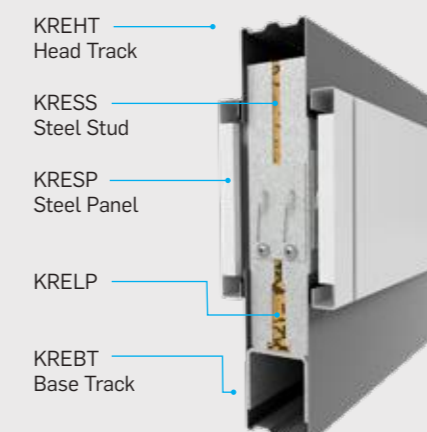
The system is designed to be integrated with the Polar glazed partitioning suite for office frontages at perpendicular junctions.



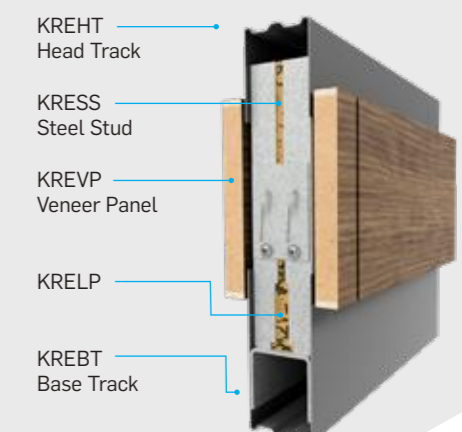
Polar Kreate Fabric



Polar Kreate Steel



Polar Kreate Veneer





Tech Panels

Technology has revolutionised the corporate world and Komfort are constantly exploring new and exciting ways for this to be incorporated.

Tech Panels are increasingly being integrated into commercial and public spaces. This enables intelligent control systems to be installed with all power and data requirements readily available. Komfort's Tech Panels enable seamless control of room booking, lighting, air controls and security systems.

Komfort's integrated Tech Panel details are compatible with a wide range of our systems. Panels are available in various finishes such as glass, veneer and metal. The functionality of our Tech Panel range allows user control whilst maintaining the system's aesthetics.



Fire Rated Systems

With fire safety an absolute priority, Komfort's fire rated systems ensure confidence when specifying for fire requirements. For internal glazing and firescreen projects, our dedicated Specialist Glazing team support from initial design concept to install.

Whilst excellent performance is our priority, our systems are equally stunning. With exceptional structural performance and equal framing, our specialist internal glazing and firescreens combine beauty with performance.





Defence E Fire Screens

The use of Komfort's Defence E Fire Screens offer integrity performance only. Meaning these systems work to prevent the passage of fire, this includes the spread of flame, smoke and toxic gas, but not heat.

Defence E Fire Screens

Dimensions:

Screen Height up to 4.0m
Door Leaf Height up to 3.0m*

Fire Performance:

Up to 60 minutes Integrity

Acoustic Performance:

Up to 44dB (RW)*
Speech Privacy Potential up to
'High'

Structural Performance:

3.0kN/m up to 4.5m (BS 6180:2011)*
Subject to Structural Engineers
Assessment

Deflection Head:

None

Doorset Options:

Single & Double Latched Doors*
Single & Double Unlatched Doors*
Single & Double Sliding Doors*

Glazed Options:

Single Glazed
DGU with Acoustic Laminate

Optional Extras and Finishes

✓ Integral Blinds

✓ Manifestations

✓ Graphics

✗ Switch Glass

Paint/finishes

✓ Polyester Powder Coat

✓ Brushed Stainless Steel*

✗ Special Anodised

✗ Satin Anodised

* Dependent on configuration and
specification

See our technical documents on
our website for more:

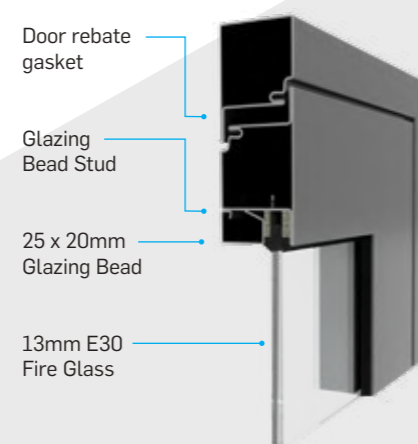
www.komfort.com/panel

Defence E Fire Screens

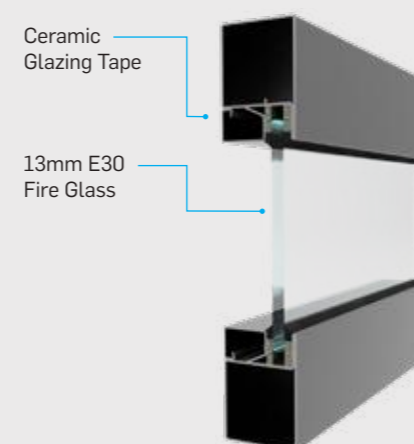
The Defence E Fire Screens are constructed using steel tubes and offer fire ratings from 30 minutes to 60 minutes, meeting a range of project specifications. These systems can also be complemented with both latched and unlatched doors. If a performance of higher than 60 minutes is required please refer to Defence EI Fire Screens.



Defence E Door



Defence E Screen



Fire Rated Systems



Defence EI Fire Screens

The use of Komfort's Defence EI Fire Screens offer integrity and insulation performance. Meaning these systems work to prevent the spread of flame, smoke and transference of heat to the protected side. This ensures safe escape from fires when used in protected corridors and protected refuge areas, as well as preventing secondary combustion of flammable items in a protected area.

Defence EI Fire Screens at a glance

Dimensions:

Screen Height up to 4.5m*

Door Leaf Height up to 3.0m*

Fire Performance:

Up to 120 minutes Integrity & Insulation

Acoustic Performance:

Up to 52dB (RW)*

Speech Privacy Potential up to 'High'*

Structural Performance:

3.0kN/m up to 4.5m (BS 6180:2011)*

Subject to Structural Engineers Assessment

Deflection Head:

None

Doorset Options:

Single & Double Latched Doors*

Single & Double Unlatched Doors*

Single & Double Sliding Doors*

Glazed Options

Single Glazed

DGU with Acoustic Laminate

Optional Extras and Finishes

✓ Integral Blinds

✓ Manifestations

✓ Graphics

✗ Switch Glass

Paint/finishes

✓ Polyester Powder Coat

✓ Brushed Stainless Steel*

✗ Special Anodised

✗ Satin Anodised

* Dependent on configuration and specification

See our technical documents on our website for more:

www.komfort.com/panel

Defence EI Fire Screen

The Defence EI Fire Screens are constructed using steel tubes with internal thermal insulation breaks. The structure enables our systems to offer fire ratings from 30 minutes to 120 minutes, meeting a range of project specifications. These systems can also be complemented with both latched and unlatched doors.



Defence EI Door

Door rebate gasket

Glazing Bead Stud

25 x 20mm Glazing Bead

25 - 27mm EI60 Fire Glass

Defence EI Screen

Ceramic Glazing Tape

18 - 20mm EI Fire Glass

Intumescent Strip





Framed Partitioning

Komfort's framed glazed and solid partitions allow maximum flexibility to create inspiring environments, with angular or curved profiles in metallic finishes in any BS or RAL colour. These systems have the ability to integrate with other solutions to deliver total design freedom and peace of mind over performance requirements.



Image supplied by: Amadeus Design



Kross Glaze 600

Kross Glaze is Komfort's industrial style glazing which has led commercial and residential market trends over recent years with its contemporary Art Deco feel. This aesthetic is an intriguing and characterful way of dividing open-plan spaces into beautiful private areas. When balanced with contrasting natural materials, exposed brickwork and biophilic design, our Kross Glaze system comes to life.

Our Kross Glaze systems allow designers to be creative with both glazing and panes, as well as being available with reeded glass. We offer infills for handles on the door leaf, and within the screen and door. This flexibility can be purely decorative, can serve a functional purpose in the case of tech panels for room booking systems and more.

Dimensions for Screen:

Screen max. height – up to 3000mm
Min. pane height – 450mm
Min. pane width – 450mm*
Doors must always be full height

Fire ratings:

N/A

Acoustics:

Single Glazed screens – up to 38dB (Rw)
Double Glazed screens – up to 41dB (Rw)
Single Glazed doors – up to 33dB (Rw)
Double Glazed doors – up to 36dB (Rw)

Structure:

Light duty

Deflection head:

N/A

Door type options:

Kross Glaze doors
Timber doors

Screen glass type options:

Single Glazed - 6.8, 10.8, 12.8mm
Acoustic Lam.
Double Glazed - 6.4 and 6.8mm
Acoustic Lam.
Reeded glass available on
special request

*✓ Blinds

✓ Manifestations

✓ Graphics

*✓ SwitchGlass

Paint/finishes

✓ Polyester powder coat

*✓ Satin anodised aluminium

✓ Special anodised

* dependent on system
configuration / specification

See our technical documents on our
website for more:

www.komfort.com/panel

Kross Glaze 600 Screens and Doors

The Kross Glaze system is available with options for both single and double glazing, achieving acoustic ratings of up to 41dB (Rw). This 54mm framed glazing system not only includes screens but has a unique 54mm rebated door designed to accommodate the same glazing chairs and beads, creating a flush aesthetic. Our Kross Glaze door is available in single and double glazed options.

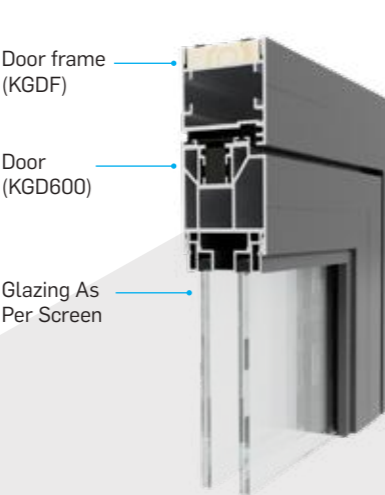
Kross Glaze doors are available with lift off hinges or offset pivots on floor springs. All doors within this system must be full height to allow for optimal continuation of the transoms and glazing from screen to door.

Kross Glaze screens are constructed up to a maximum height of 3000mm with horizontal transoms to divide the glazing between the uprights; these can be configured as equal splits or staggered, allowing designers to be creative with their construction.

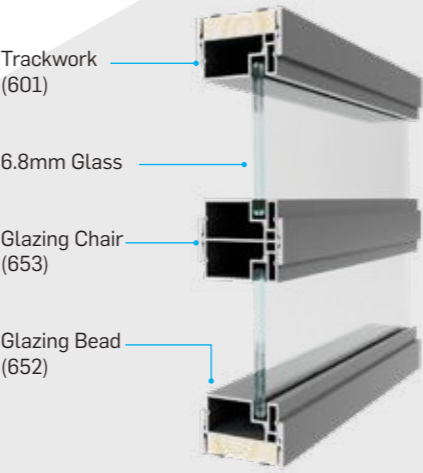
Aluminium components for the screen and door are powder coated using our standard colour options. All special colour options can be manufactured to any RAL or BS colour code, please ask for availability.



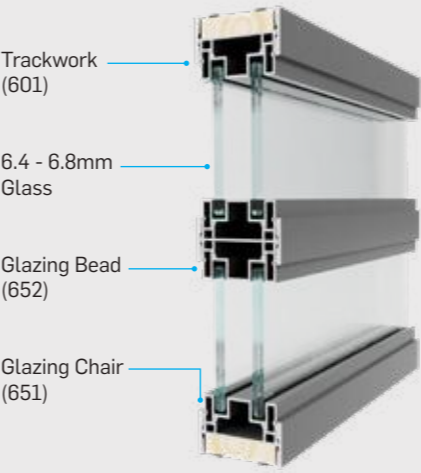
Standard Full Height Door & Frame Detail



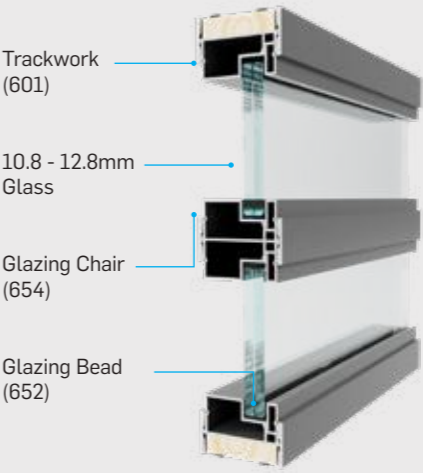
Standard Single Glazed Head & Base Detail



Standard Double Glazed Head & Base Detail



Standard Single Glazed Head & Base Detail



At a glance

Dimensions:

Partition Height up to 4.2m*
Doorset Height up to 3.0m

Acoustic Performance:

Solid up to 48dB (Rw)
Glazed up to 41dB (Rw)*
Speech Privacy Potential up to 'Good'*

Structural Performance:

Up to Medium Duty (BS 5234-2:1992)*

Fire Performance:

None

Deflection:

None

Solid Options:

Single Boarded 12.5mm
Plasterboard
Single Boarded 12.5mm SoundBloc

Glass Options:

Single Glazed 6.4mm Laminated or
6.8mm Acoustic Laminated
Double Glazed 6.4mm Laminated &
6.8mm Acoustic Laminated

Doorset Options:

10-12mm Glass Doors
44mm Timber Doors
44mm Sonik Doors

✓ Blinds

✓ Manifestations

✓ Graphics

✗ Switch Glass

✗ Kross Glaze

Paint/finishes

✓ Polyester Powder Coat

✗ Satin Anodised

✓ Special Anodised*

* dependent on system
configuration / specification.

See our technical documents on
our website for more:

www.komfort.com/panel

Komfire 75

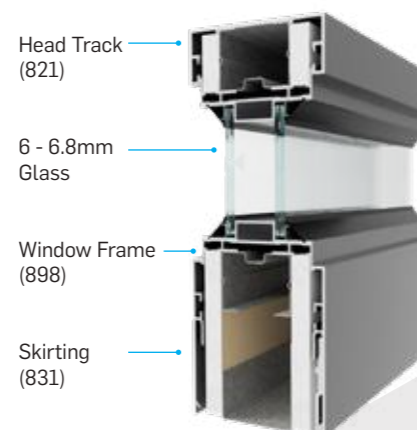
Non-Fire Rated

Komfire is Komfort's steel stud and plasterboard construction system surrounded by an aluminium framework. This system offers a distinct angular style and offers high acoustic performance.

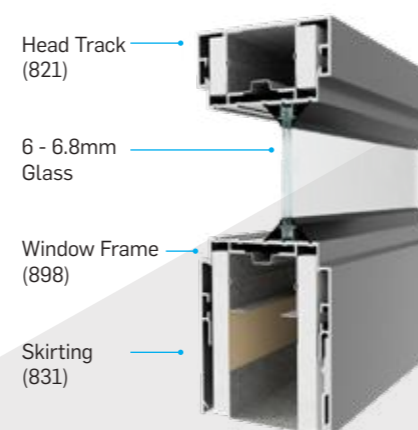
Komfire 75 is Komfort's 75mm square edge framed system which is compatible with Komfort's Sonik, glazed and timber door. This system is available in a solid, single and double glazed structure with pre-assembled window frame options.



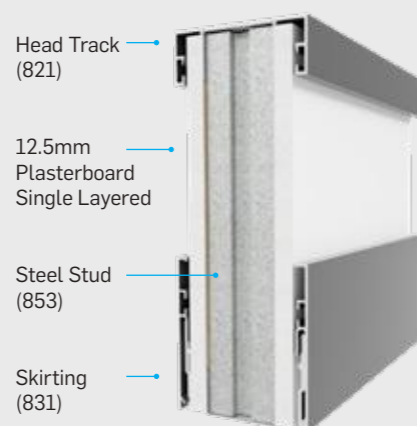
Standard Double Glazed Head & Base Detail



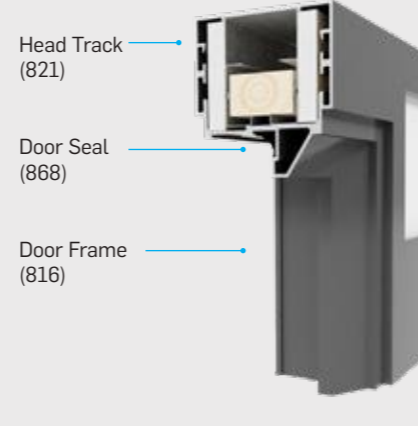
Standard Single Glazed Head & Base Detail



Standard Solid Head & Base Detail



Standard Full Height Door Frame Detail



At a glance

Dimensions:

Partition Height up to 4.0m*
Doorset Height up to 3.0m

Acoustic Performance:

Solid up to 52dB (Rw)
Glazed up to 42dB (Rw)*
Speech Privacy Potential up to 'High'*

Structural Performance:

Up to Medium Duty (BS 5234-2:1992)*

Fire Performance:

None

Deflection:

None

Solid Options:

Single or Double Boarded 12.5mm
Plasterboard
Single or Double Boarded 12.5mm
SoundBloc

Glass Options:

Single Glazed 6.4mm Laminated or
6.8mm Acoustic Laminated
Double Glazed 6.4mm Laminated &
6.8mm Acoustic Laminated

Doorset Options:

10-12mm Glass Doors
44mm Timber Doors
44mm Sonik Doors

✓ Blinds

✓ Manifestations

✓ Graphics

✗ Switch Glass

✗ Kross Glaze

Paint/finishes

✓ Polyester Powder Coat

✗ Satin Anodised

✓ Special Anodised*

* dependent on system
configuration / specification.

See our technical documents on
our website for more:

www.komfort.com/panel

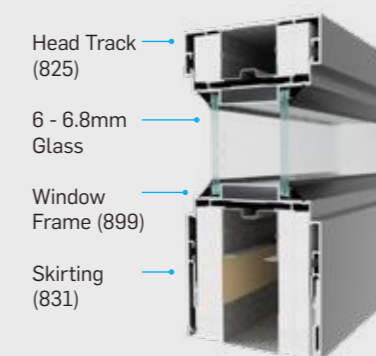
Komfire 100

Non-Fire Rated

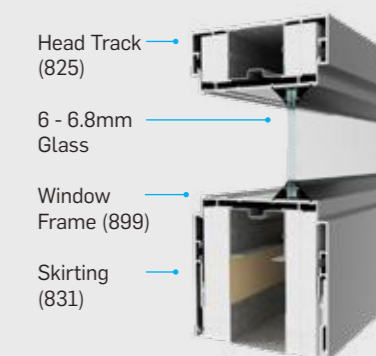
Komfire 100 is a solid and glazed partitioning system, offering a single or double boarded steel stud system surrounded by aluminium trackwork with pre-assembled single or double glazed aluminium window frames.



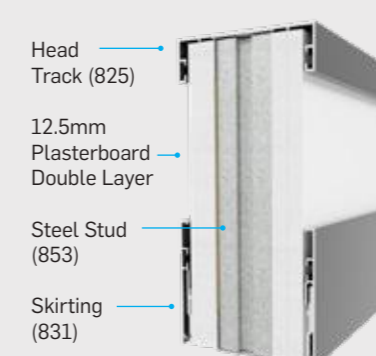
Standard Double Glazed Head & Base Detail



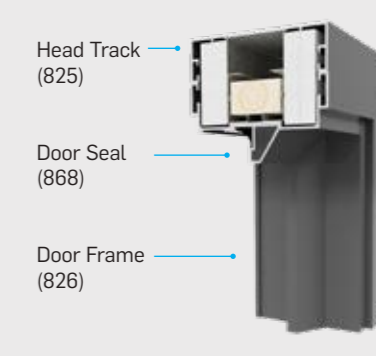
Standard Single Glazed Head & Base Detail



Standard Solid Head & Base Detail



Standard Full Height Door Frame Detail



At a glance

Dimensions:

Screen Height up to 3.0m*
Doorset Height up to 3.0m

Acoustic Performance:

Solid up to 43dB (Rw)
Glazed up to 39dB (Rw)*
Speech Privacy Potential up to 'Good'*

Structural Performance:

Medium Duty (BS 5234-2:1992)*

Fire Performance:

Solid up to 30/30*
Glazed up to 30/0*

Deflection:

None

Solid Options:

Single Boarded 12.5mm
Plasterboard

Glass Options:

Single Glazed Komfort 6mm Fire
Glass
Double Glazed Komfort 6mm Fire
Glass & 6.4mm Laminated

Doorset Options:

44mm Fire Rated Timber Doors

- ✓ Blinds
- ✓ Manifestations
- ✓ Graphics

✗ Switch Glass

✗ Kross Glaze

Paint/finishes

✓ Polyester Powder Coat

✗ Satin Anodised

✓ Special Anodised *

* dependent on system
configuration / specification.

See our technical documents on
our website for more:

www.komfort.com/panel

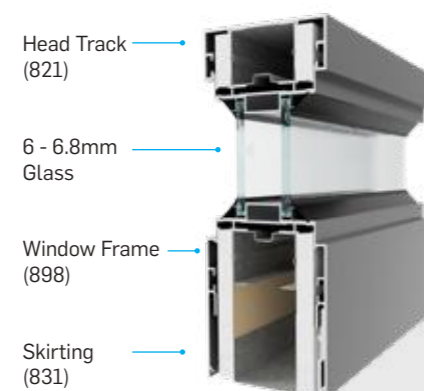
Komfire 75FR

Fire Rated

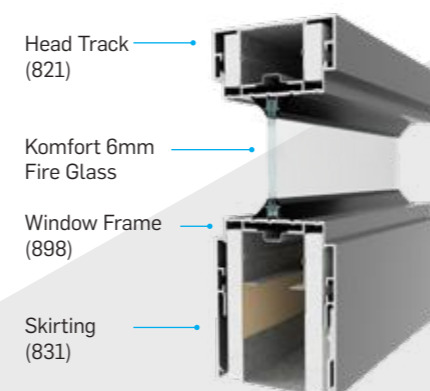
Komfire 75FR is a solid and glazed fire rated partitioning system, offering a steel stud plasterboard system surrounded by aluminium framework to 30/0 or 30/30 and glazed configurations to 30/0.



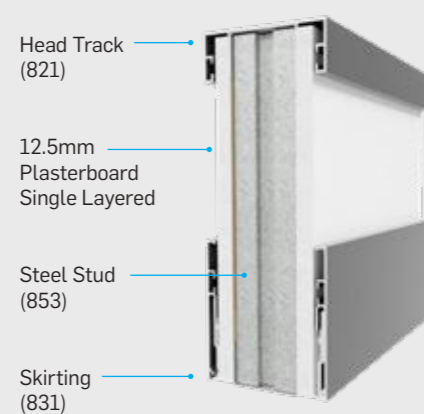
Standard Double Glazed Head & Base Detail



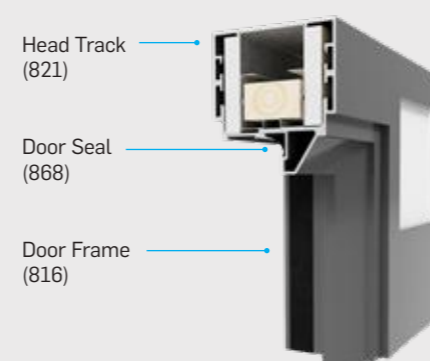
Standard Single Glazed Head & Base Detail



Standard Solid Head & Base Detail



Standard Full Height Door Frame Detail



At a glance

Dimensions:

Solid Height up to 4.0m*
Glazed Height up to 3.0m*
Doorset Height up to 3.0m

Acoustic Performance:

Solid up to 50dB (Rw)
Glazed up to 41dB (Rw)*
Speech Privacy Potential up to 'High'*

Structural Performance:

Heavy Duty up to 3.0m* (BS 5234-2:1992)

Fire Performance:

Solid up to 60/60*
Glazed up to 30/0

Deflection:

None

Solid Options:

Single Boarded 12.5mm Plasterboard
with 75mm Stud
Double Boarded 12.5mm Plasterboard
with 50mm Stud

Glass Options:

Offset Single Glazed Komfort 6mm
Fire Glass

Double Glazed Komfort 6mm Fire
Glass & 6.4mm Laminated

Doorset Options

44mm Fire Rated Timber Doors

- *✓ Blinds
- ✓ Manifestations
- ✓ Graphics

✗ SwitchGlass

✗ Kross Glaze

Paint/finishes

✓ Polyester powder coat

✗ Satin anodised aluminium

✓ Special anodised finish

* dependent on system
configuration / specification.

See our technical documents on
our website for more:

www.komfort.com/panel

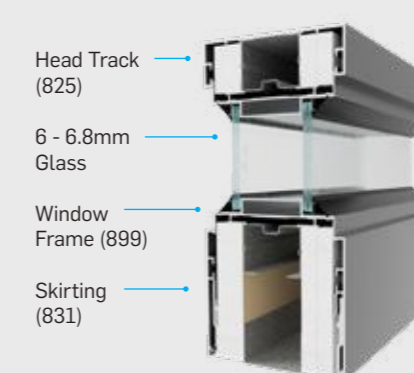
Komfire 100FR

Fire Rated

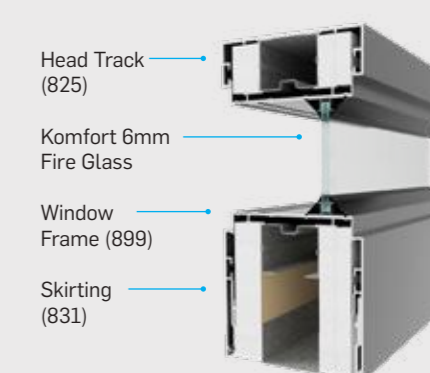
Komfire 100FR is a solid and glazed fire rated partitioning system, offering a steel stud plasterboard system surrounded by aluminium framework to 30/0 or 60/60 and glazed configurations at 30/0. This system is the perfect choice for buildings when stringent fire regulations apply.



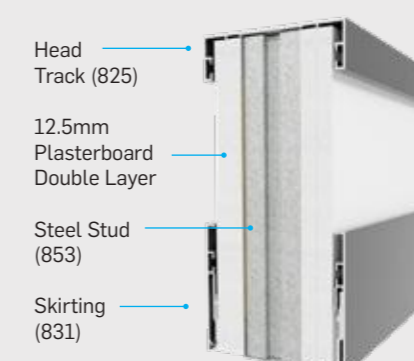
Standard Double Glazed Head & Base Detail



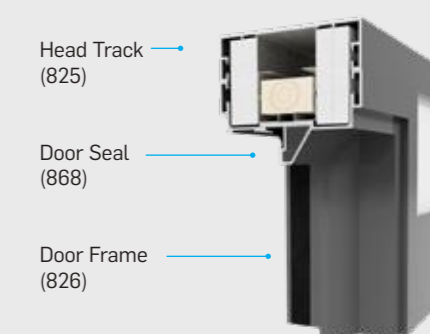
Standard Single Glazed Head & Base Detail



Standard Solid Head & Base Detail



Standard Full Height Door Frame Detail



At a glance

Dimensions / fire ratings:

Single glazed 30/0 - up to 2963mm

Single glazed 60/0 - up to 2963mm

Double glazed 30/0 - up to 2963mm

Acoustics:

Single glazed – up to 41dB (Rw)

Double glazed – up to 41dB (Rw)

Structure:

Glazed – up to severe duty

Glass type options:

Pyrobel 16

Pyrobel 25

Weight:

Single glazed 30/0 – 41 kg/m³

Single glazed 60/0 – 65.75 kg/m³

Double glazed 30/0 – 60.25 kg/m³

*✓ Blinds

✓ Manifestations

✓ Graphics

✗ SwitchGlass

Paint/finishes

✓ Polyester powder coat

✓ Satin anodised aluminium

✓ Special anodised finish

* dependent on system configuration / specification.

See our technical documents on our website for more:

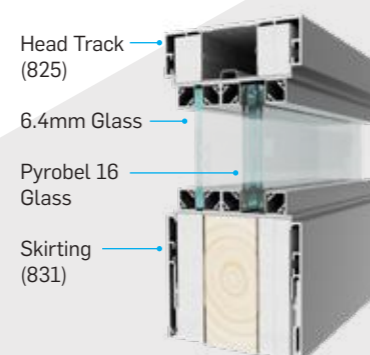
www.komfort.com/panel

Komfire 100FR+

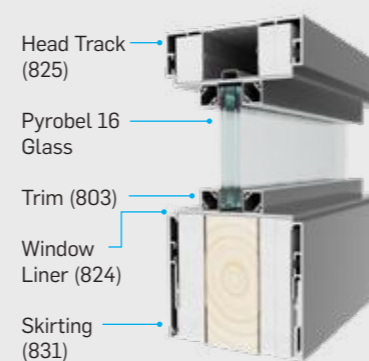
Similar to the Komfire 100 system, Komfire 100FR+ is Komfort's glazed module but with enhanced fire performance ratings of up to 60/60. This system is the perfect choice for buildings when stringent fire regulations apply. With Komfire 100FR+ it is possible to butt joint the glass with Pyrobel 16 and 25.



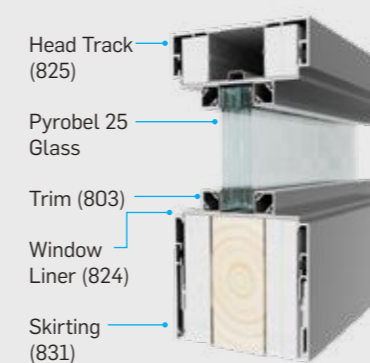
Standard 30/0 Double Glazed Head & Base Detail



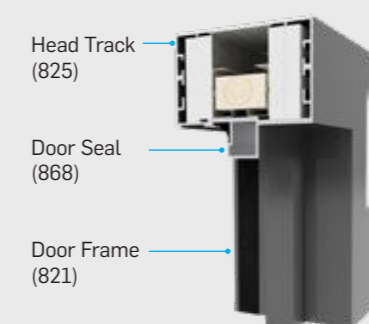
Standard 30/0 Single Glazed Head & Base Detail



Standard 60/0 Single Glazed Head & Base Detail



Standard 30/0 Full Height Door Frame Detail



At a glance

Dimensions:

*Solid height - up to 6000mm
Single glazed height - *up to 3000mm
Double glazed height - up to 3000mm

Fire ratings:

N/A

Acoustics:

Solid – up to 31dB (Rw)
Single glazed – up to 35dB (Rw)
Double glazed – up to 40dB (Rw)

Structure:

*Heavy duty

Door options:

Timber doors
Single glazed doors

Doorframe options:

Aluminium

Glass type options:

Toughened – 6mm
Laminated – 6.4mm
Acoustic – 6.8mm

*✓ Blinds

✓ Manifestations

✓ Graphics

x SwitchGlass

✓ Kross Glaze

Paint/finishes

✓ Polyester powder coat

✓ Satin anodised aluminium

✓ Special anodised finish

* dependent on system configuration / specification.

See our technical documents on our website for more:

www.komfort.com/panel

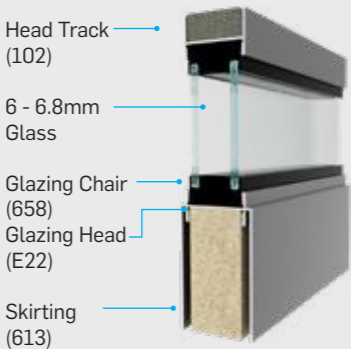
600 Series

600 Series is Komfort's functional system which is uncomplicated in design and installation. It offers a slimline design, with a choice of crisp angular profiles, available in either solid or glazed panels.

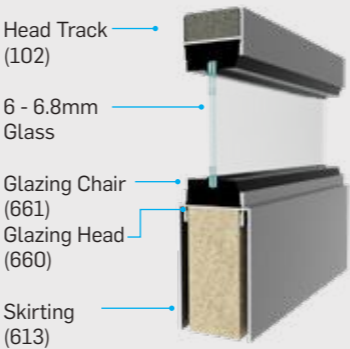
Suitable for most commercial applications, this system achieves acoustic ratings of up to 40dB (Rw) and is ideal for fast turn-around projects.



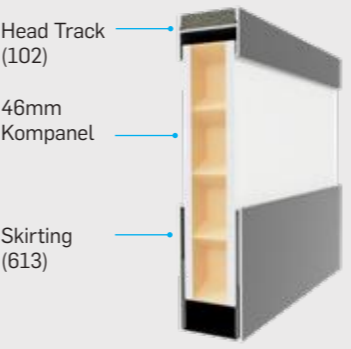
Standard Double Glazed Head & Base Detail



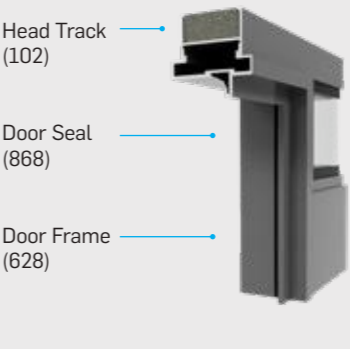
Standard Single Glazed Head & Base Detail



Standard Solid Head & Base Detail



Standard Full Height Door Frame Detail





Doors, Frames & Ironmongery

Komfort's bespoke Sonik, glazed and timber door ranges have impressive performance qualities which can be finished with a wide variety of colours and ironmongery options.





Sonik Doors

Sonik is Komfort's acoustic glazed door which can be integrated within all Komfort's partitioning systems. Designed for ease of installation and future product maintenance, this system also ensures high acoustic insulation is maintained through the use of an automatic drop-down seal. The manufactured door set can be specified as a single, hospital or double door set with either lift-off hinges or with an offset pivot and floor spring.

At a glance

Dimensions:
Maximum height - up to 3000mm
Maximum width - *up to 1100mm

Fire ratings:
N/A

Acoustics:
Up to 42dB (Rw)
(*depending on configuration)

Deflection head:
Contact our Technical Team

Door type options:
Single or double door set

Weight:
Up to 40kg/m2 (excluding
ironmongery), max. weight 120kg

- *✓ Blinds
- ✓ Manifestations
- ✓ Graphics
- *✓ SwitchGlass

- Paint/finishes**
- ✓ Polyester powder coat
 - ✗ Satin anodised aluminium
 - ✓ Special anodised finish

* dependent on door set
configuration / specification.

See our technical documents on
our website for more:
www.komfort.com/panel

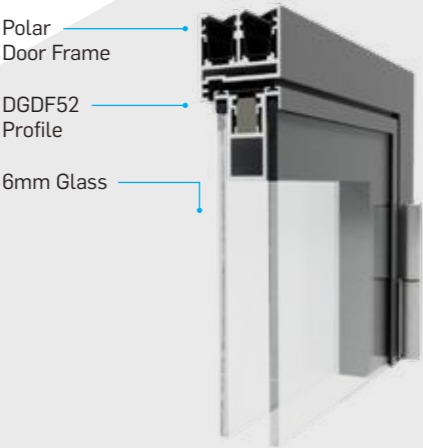
Sonik Doors

The Sonik door range is available with many configurations, from profiles, glazing and ironmongery options. Choose from five profiles, including the double glazed Sonik 52, Sonik 70 and the new rebated 70R in double and single glazed options.

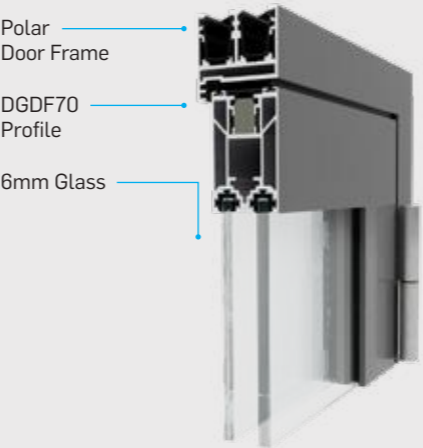
This flexibility in design provides better suitability for a wide range of designer specifications.



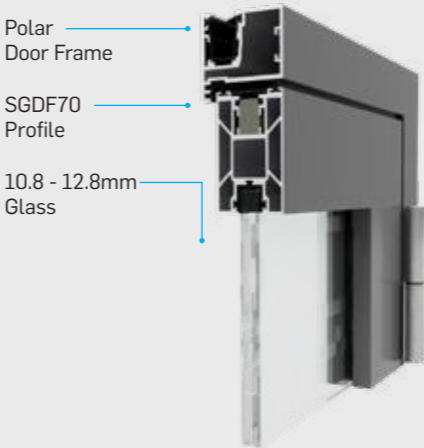
Sonik 52 Double Glazed



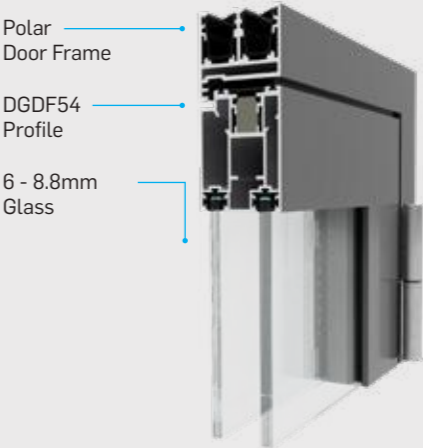
Sonik 70 Double Glazed



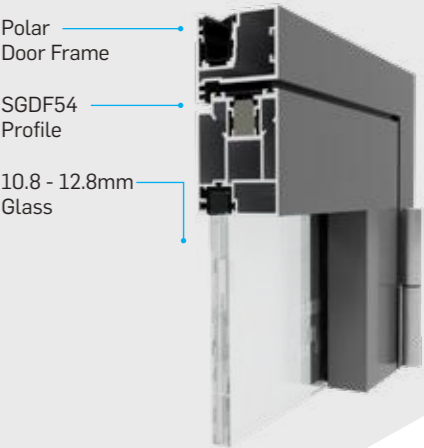
Sonik 70 Single Centre Glazed



Sonik 70R Double Glazed



Sonik 70R Offset Single Glazed





Sonik Slide

Sonik Slide is Komfort's acoustic pocket double glazed sliding door. This can be specified as a single or double door set within its own unique frameless glass partition. Sliding doors allow unlimited possibilities to divide spaces and offer intelligent space saving benefits.

At a glance

Dimensions:

Maximum door height
- up to 3000mm
Maximum door width
- *up to 1200mm

Fire ratings:

N/A

Acoustics:

Up to 34dB (Rw)

Structure:

N/A

Deflection head:

N/A

Door type options:

Single or double door set

Screen glass type options:

10 – 12.8mm

Maximum door weight:

Up to 120kg x Blinds

✓ Manifestations

✓ Graphics

✗ SwitchGlass

Paint/finishes

✓ Polyester powder coat

✗ Satin anodised aluminium

✓ Special anodised finish

* dependent on door set
configuration / specification.

See our technical documents on
our website for more:

www.komfort.com/panel

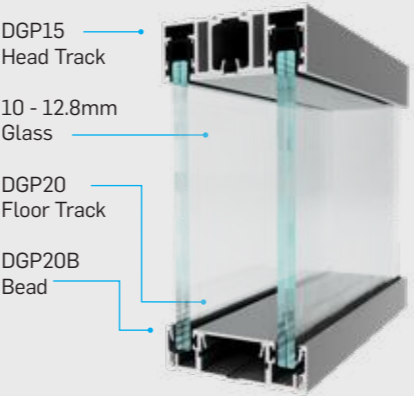
Sonik Slide

The Sonik door range is available with many configurations, from profiles, glazing and ironmongery options. Choose from five profiles, including the double glazed Sonik 52, Sonik 70 and the new rebated 70R in double and single glazed options.

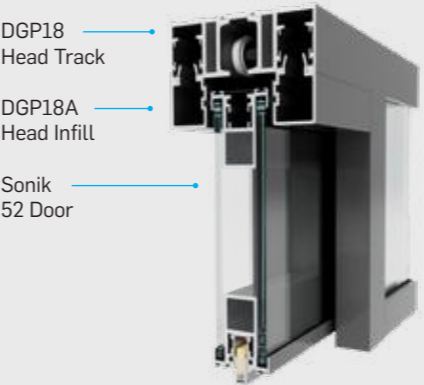
This flexibility in design provides better suitability for a wide range of designer specifications.



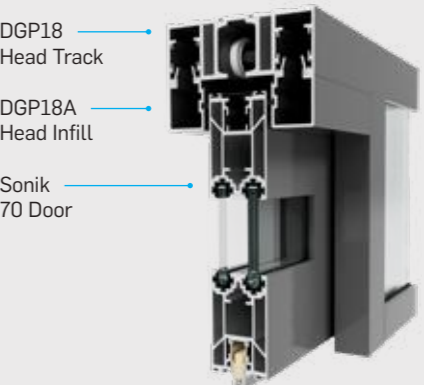
Polar 112 DG Screen



Polar 112 DG
with Sliding Door 52



Polar 112 DG
with Sliding Door 70



At a glance

Dimensions:

Height - up to 2700mm
For heights above 2700mm contact
our technical department

Fire ratings:

N/A

Acoustics:

Up to 31dB (Rw)

Structure:

Up to severe duty

Deflection head:

+/-15mm, +/-25mm

Weight:

12mm glass – up to 30 kg/m²

With deflection head – up to 31 kg/m²

✗ Blinds

✓ Manifestations

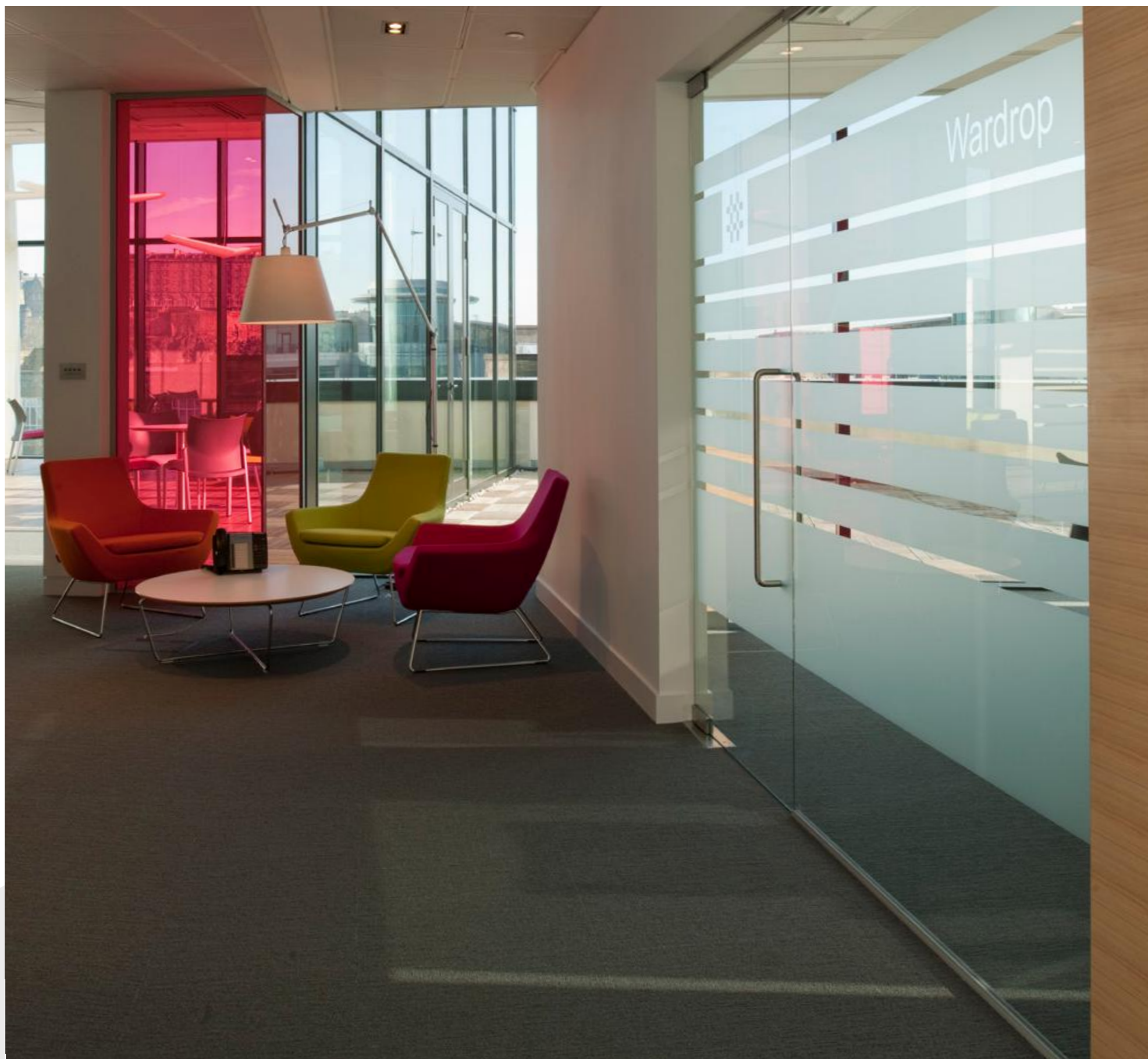
✓ Graphics

✓ SwitchGlass

* dependent on door set
configuration / specification.

See our technical documents on
our website for more:

www.komfort.com/panel



Frameless Glass Doors

Komfort's frameless glass doors increase natural light, allow for uninterrupted views and create a clean and contemporary finish to any space. Our frameless glass doors are available as a single or double doorset with either a pivoted, hinged or sliding application.

Eye-catching manifestations can be applied to all Komfort glass doors to add contrast, definition and interest. All frameless doors comply with the requirements of Document M of the Building Regulations.



Doors at a glance

Dimensions:

Maximum bespoke door height -

up to 3000mm*

Maximum stock door height -

up to 2700mm

Maximum door width -

up to 1200mm*

Fire ratings:

NFR, FD30, FD60, FD90, FD120

Door acoustics:

Up to 43dB (Rw)

Door thickness:

44mm

54mm

Door construction:

Doors can be solid or framed hollow

core to suit your requirements with

hardwood lippings.

Available finishes:

All commercially available
veneers as below:

Ash

American Black Walnut

Cherry

Maple

Sapele

Steamed Beech

American White Oak

Also available:

Primed

Full range of laminates

Hardwood Veneers

Door vision panels:

Complete range of vision panels

including Approved Document M

compliant options

Solid timber frames at a glance

Dimensions:

Frame height/width - to suit the timber
door sizes available.**

Fire ratings:

NFR, FD30, FD60

Available finishes:

See door finishes available above.

* cannot satisfy both maximums,
please contact technical

**manufactured to meet your
bespoke design

See our technical documents on our
website for more:

www.komfort.com/panel

Timber doors

Komfort's standard and made-to-measure timber doors are manufactured in the UK, bringing a sustainable, stunning and robust element to any design. These offer impressive performance credentials and can be installed across a range of applications, including educational establishments and commercial developments.

Timber door types include fire rated, acoustic, security, specialist construction and non-performance doors. These are all available in a range of finishes including veneers and laminates. To complement the offering, our team can deliver a complete range of vision panels, including Approved Document M compliant options.

Komfort's expertise in supplying beautiful, competitive and bespoke timber doors ensure specifications are accurate and meet the necessary performance requirements.

Ironmongery

A wide range of architectural ironmongery options are available in many sizes and options to complement our doors and frames. This includes lever latch sets, back to back pull handles and wireless access control if required. Each piece is characterised by its high quality, distinctive design, ease of operation and tactility.

The range satisfies both design and performance criteria that comply with BS8300, Approved Document M and the Equality Act 2010.





Moveable Walls

Our Moveable Wall Collection adds adaptability and variety to the office environment to accommodate future change. The modern design is proving a popular choice as the interiors industry moves away from cellular offices to more open plan and creative spaces.

At a glance

Dimensions:

Maximum Screen Height 11000mm*

Maximum Module Width 1300mm

Maximum Doorset Height 11000mm*

Acoustic Performance:

Up to 57dB*

Fire Performance:

None

✓ Manifestations

✓ Graphics

✓ SwitchGlass

Paint/finishes

✓ Polyester powder coat

✓ MDF

✓ MFC

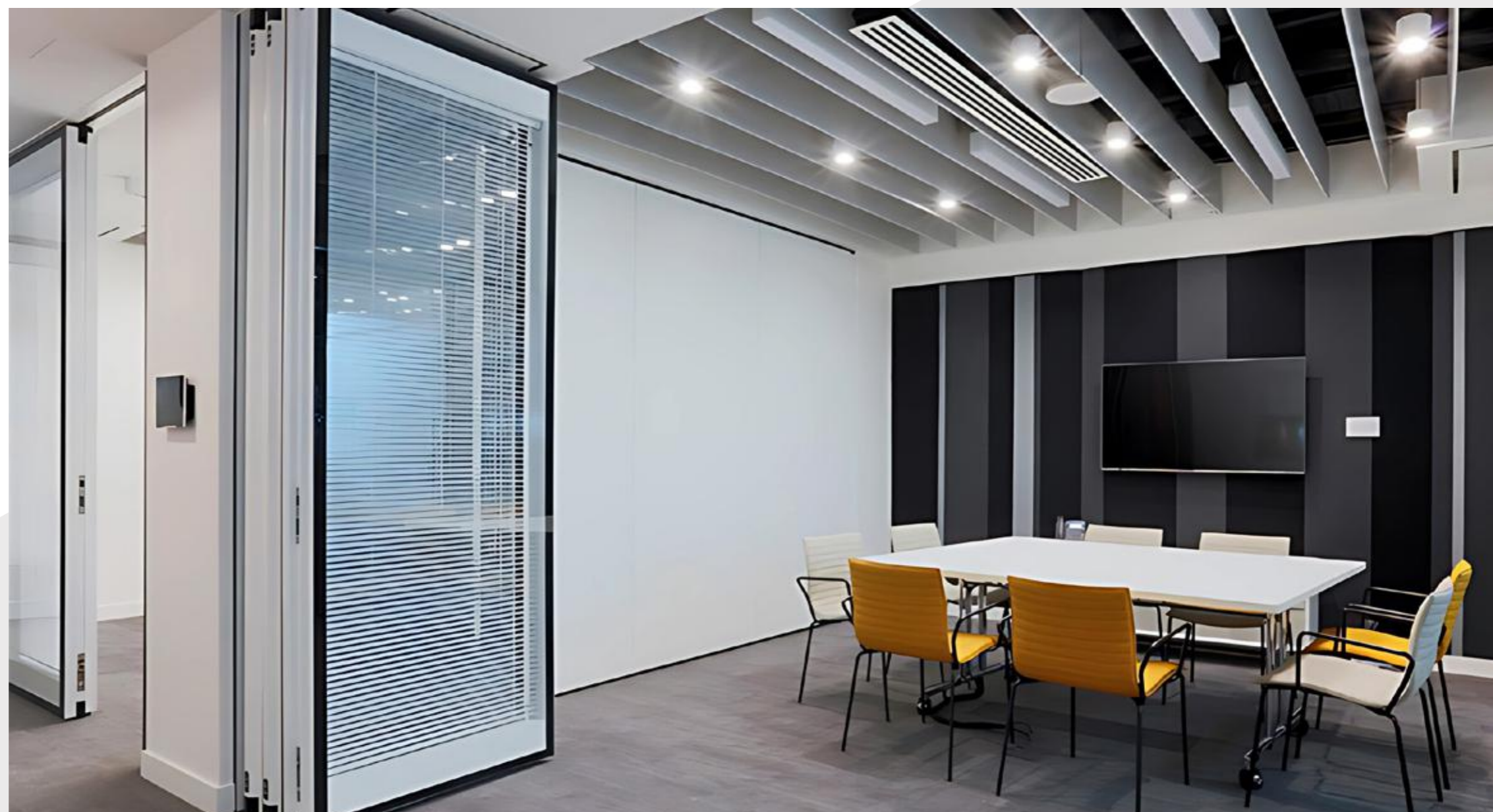
See our technical documents on our website for more:

www.komfort.com/panel

Komfort 80

Solid & Glazed Moveable Wall

Komfort 80 is a top hung individual solid and glazed panel moveable wall system. Designed to give economical but long-lasting use in the division of spaces where flexibility is required, with a range of configurations available to meet acoustic and operation requirements.



At a glance

Dimensions:

Maximum Screen Height 4000mm*

Maximum Module Width 1200mm

Maximum Doorset Height 11000mm*

Acoustic Performance:

Up to 43dB*

Fire Performance:

None

✓ Manifestations

✓ Graphics

✓ SwitchGlass

✓ Top Hung

✓ Floor Supported

✓ Floor Guided

Paint/finishes

✓ Polyester powder coat

✓ MDF

✓ MFC

See our technical documents on our website for more:

www.komfort.com/panel

Komfort 200

Solid & Glazed Moveable Wall

Komfort 200 is a manually operated, top hung, floor supported or floor guided hinged solid and glazed panel moveable wall system. Designed to give economical but long-lasting use in the division of spaces where flexibility is required, with a range configurations available to meet acoustic and operation requirements.



Movable Walls



Collections

Komfort offer a range of systems to elevate the working environment with individuality, design flexibility, intelligent privacy and space saving abilities.

Including moveable walls, graphics and manifestation our collections can be customised to meet your project requirements and design visions.

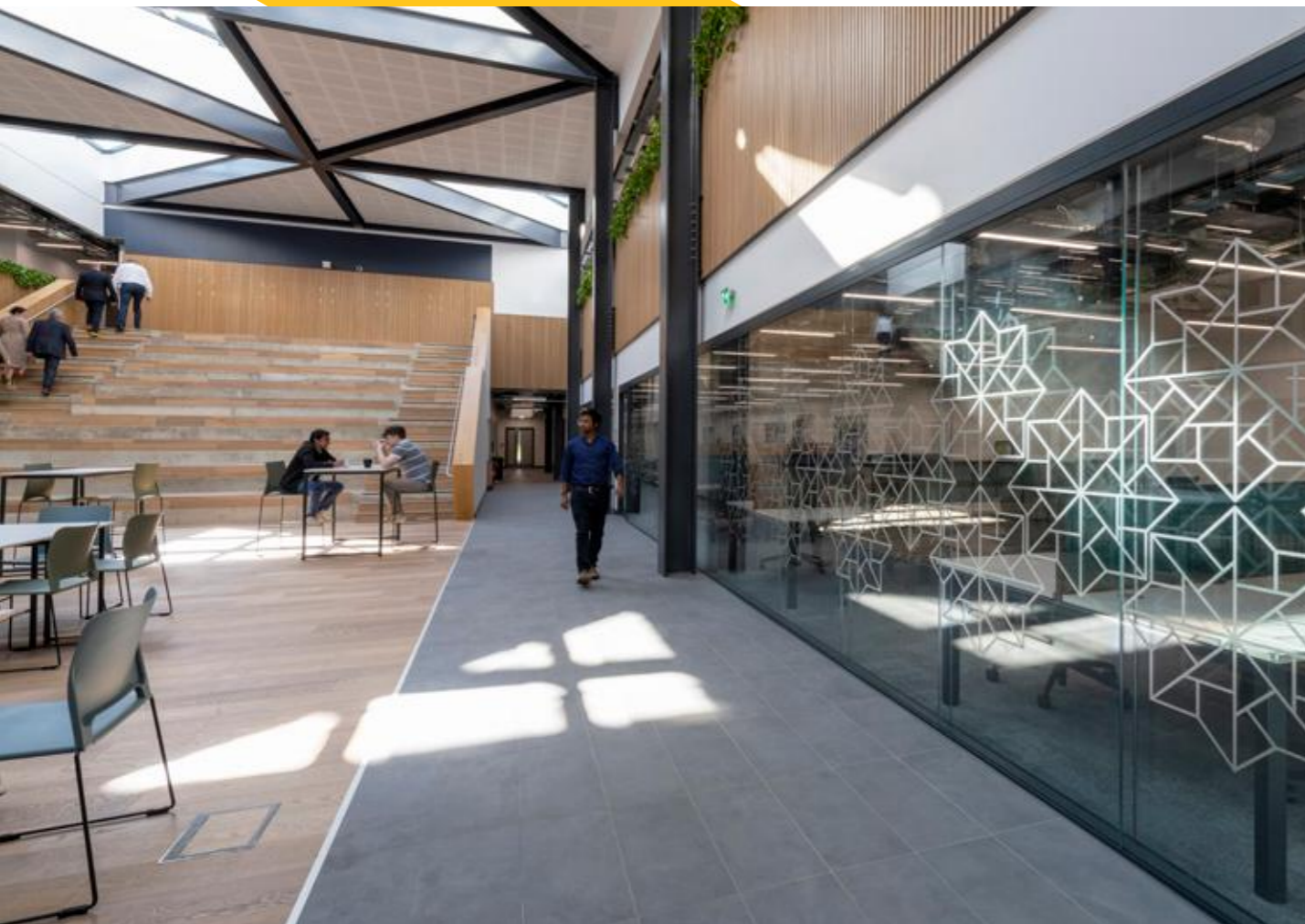




Manifestations & Graphics

We provide a comprehensive service of manifestation and full colour graphics to glazed and solid partitions, as well as doorsets.

Manifestation is much more than a necessary safety requirement. Manifestations transform spaces into imaginative environments inspiring or directing people, providing privacy or allowing light to be shared.



Privacy

In today's increasingly demanding workplace, privacy is important for a host of reasons. SwitchGlass and blinds offer protection and assurance of the right to privacy to the fullest extent.

SwitchGlass

Komfort's SwitchGlass uses intelligent technology to enable instantaneous privacy control without the need for blinds. SwitchGlass technology can either be face applied to a range of glass types, or integrated within a bespoke laminated glass. The glass changes from opaque to transparent when a low electrical current is applied which can be controlled through a wall mounted switch or remotely.

Blinds

Komfort offers both integral Venetian and vertical/roller blinds. These are available in a range of colours, finishes and fabrics and are available to install with most of Komfort's partitioning systems.



Framed Glazed & Solid Partitioning

		Kreate	Defence E	Defence EI	Komfire 75	Komfire 100	Komfire 100+	600 Series	Kross Glaze
Construction Type	Full height glazed	✓	✓	✓	✓	✓	✓	✓	✓
	Mid height glazed	✓			✓	✓	✓	✓	✓
System Limitations	Nominal thickness (mm)	90mm	50mm	65mm	75mm	100mm	100mm	54mm	54mm
	Maximum height (m)	3.0m (a)	4.0mm	4.0mm	3.0m (a)	4.2m (a)	2.963m (a)	6.0m (a) + (e)	3.0m (a) + (e)
	Maximum module width (m)	1.2m (a)	1.5mm	1.5mm	1.2m (a)	1.2m (a)	1.2m (a)	1.2m (a)	1.2m (a)
Panel Options	Single centre glazed		✓	✓	✓	✓	✓	✓	✓
	Single offset glazed		✓	✓	✓	✓		✓	
	Double glazed				✓	✓	✓	✓	✓
	Plasterboard				✓	✓			
	MFC/ veneer/ steel faced	✓	✓	✓					
	Plasterboard Kompanel							✓	✓
Profile Design	Square edge profile	✓			✓	✓	✓	✓	✓
	Radius edge profile	✓	✓	✓				✓	
Paint/Finishes	Satin anodised (natural)	✓			✓	✓	✓	✓	✓
	**Special anodised	✓			✓	✓	✓	✓	✓
	Polyester powder coat	✓	✓	✓	✓	✓	✓	✓	✓
Door Type/Finish	Single Glazed door (10/12mm thick)	N/A			✓	✓		✓	✓
	Single Glazed Sliding door (10/12mm thick)	N/A			N/A	N/A	N/A	N/A	N/A
	Sonik Double Glazed door (44mm thick)	N/A			✓	✓			✓
	Sonik Slide Double Glazed door (44mm thick)	N/A			N/A	N/A	N/A	N/A	N/A
	Timber veneer / laminate door (44mm thick)	N/A			✓	✓	✓	✓	✓
	Defence FR glazed door		✓	✓					
Fire Performance BS EN 1364-1 2015 Fire resistance tests for non loadbearing elements. Fixed glazing / walls	Solid screen (insulation and integrity in mins)	N/A	N/A	N/A	30/30	60/60	N/A		
	Glazed screen (insulation and integrity in mins)	N/A	60/0	120/120	30/0	30/0	60/0		
	Timber door in aluminium door frame	N/A	N/A	N/A	FD30	FD30	FD30		
	Timber door in timber door frame	N/A	N/A	N/A	FD30	FD30	FD60		
	Glazed door		60/0	90/90					
Acoustic Performance (BS EN 10140: Part 1 & 2)	Solid plasterboard system dB(Rw)				43	50 - 52 (b)		31 (f)	
	Solid panel system dB(Rw)	45 - 50							
	Glazed screen - dB(Rw)	42 - 46 (a)	37-44 (a)	40-52 (a)	35 - 41 (a)	35 - 41 (a)	*35 - 41 (a)	32 - 40 (a)	*37 - 41 (a)
	Timber door in aluminium frame - dB(Rw)	36			*36	*41	N/A	N/A	N/A
	Glazed door		*36-41	*37-47					
Structural Performance (BS 5234: Part 2)	Solid strength & robustness BS 5234 duty level	Severe (e)	-	-	Severe (d)	Severe (d)	N/A	Light	Light
	Crowd pressure (line load) 6mm glass	1.5kN/m	3kN/m	3kN/m	1.5kN/m	1.5kN/m	1.5kN/m	N/A	N/A
Privacy	Integrated blinds			✓	✓	✓		✓	✓
	SwitchGlass			✓					✓

(a) - Subject to glass type / configuration	Kameo 75: Single skin 12.5mm plasterboard either side of 50mm steel stud
(b) - Using 12.5mm SoundBloc wall board	Komfire 75: Single skin 12.5mm plasterboard either side of 50mm steel stud
(c) - Subject to system / panel construction	Komfire 100: Double skin 12.5mm plasterboard either side of 50mm steel stud
(d) - Tested at 2.7m high	600 Series: 46mm composite honeycomb core boards into aluminium frame
(e) - Tested at 3.0m high	
(f) - Tested using a Kompanel construction	*Acoustic / structural performance is based on other system / glass test data.
	**Special anodised finish - is available on a project by project assessment.



Members of:



Frameless Glazed Partitioning

		Polar 30	Polar 35	Polar 40	Polar 54	Polar 100	Polar 101
System Limitations	Nominal Width	30mm	35mm	40mm	54mm	100mm	100mm
	Maximum Height	3.0m*	3.6m*	3.9m*	3.0m*	3.0m*	3.6m*
	Maximum Module Width	1.2m	1.2m	1.6m	1.2m	1.2m	1.2m
Glazing Options	Single Centre Glazed	✓	✓	✓			
	Offset Single Glazed				✓	✓	✓
	Double Glazed			✓	✓	✓	✓
Door Options	Sonik 52, 70 or 70R Door	✓	✓		✓	✓	✓
	10-12mm Single Glazed Door	✓	✓		✓	✓	✓
	44mm Timber Door	✓	✓		✓	✓	✓
Other Options	Integral Blinds					✓	✓
	Manifestation	✓	✓	✓	✓	✓	✓
	Switch Glass	✓			✓	✓	✓
	Applied Kross Glaze	✓	✓	✓	✓	✓	✓
	Internal Kross Glaze					✓	✓
	Internal & Applied Kross Glaze				✓	✓	✓
	Transom & Mullion Kross Glaze					✓	
	Vertical Mullion/ Ghost Post					✓	✓
Acoustic Performance (BS EN 10140: Part 1 & 2)	10mm Toughened	33dB (Rw)			31dB (Rw)	31dB (Rw)	
	10.8mm Acoustic Laminated	38dB (Rw)			38dB (Rw)	38dB (Rw)	
	12mm Toughened	34dB (Rw)			33dB (Rw)	33dB (Rw)	
	12.8mm Acoustic Laminated	40dB (Rw)			39dB (Rw)	39dB (Rw)	
	13.5mm Toughened Laminated	36dB (Rw)			36dB (Rw)	36dB (Rw)	
	14.8mm Acoustic Laminated	40dB (Rw)			41dB (Rw)	41dB (Rw)	
	15mm Toughened		36dB (Rw)				36dB (Rw)
	16.8mm Acoustic Laminated		41dB (Rw)				41dB (Rw)
	17.5mm Toughened Laminated		39dB (Rw)				39dB (Rw)
	19.5mm Toughened Laminated			41dB (Rw)			
	21.5mm Toughened Laminated			43dB (Rw)			
	12mm & 10mm				39dB (Rw)	45dB (Rw)	
	12mm & 12mm				38dB (Rw)	44dB (Rw)	
	10.8mm & 12mm				40dB (Rw)	46dB (Rw)	
	12.8mm & 10mm				40dB (Rw)	47dB (Rw)	
	12.8mm & 12mm				41dB (Rw)	47dB (Rw)	
	12.8mm & 10.8mm				41dB (Rw)	48dB (Rw)	
	12.8mm & 12.8mm				45dB (Rw)	50dB (Rw)	
	14.8mm & 12mm				41dB (Rw)	46dB (Rw)	
	14.8mm & 10.8mm				44dB (Rw)	49dB (Rw)	
	14.8mm & 12.8mm				45dB (Rw)	51dB (Rw)	
	15mm & 12.8mm						48dB (Rw)
	16.8mm & 12mm						47dB (Rw)
	16.8mm & 10.8mm						51dB (Rw)
	16.8mm & 12.8mm						53dB (Rw)
	16.8mm & 14.8mm						52dB (Rw)
	17.5mm & 12mm						47dB (Rw)
	17.5mm & 10.8mm						50dB (Rw)
	17.5mm & 12.8mm						52dB (Rw)
	17.5mm & 14.8mm						51dB (Rw)
	21.5mm & 12.8mm			53dB (Rw)			
	With Interl & Applied Kross Glaze				Nom. +2dB	Nom. +2dB	Nom. +2dB
Structural Performance BS 6180	0.36kN/m Line Load - Maximum Height	3.00m*	3.60m*		3.00m*	3.00m*	3.60m*
	0.74kN/m Line Load - Maximum Height	3.00m*	3.60m*	3.90m*	3.00m*	3.00m*	3.60m*
	1.50kN/m Line Load - Maximum Height		2.87m*	3.57m*			2.87m*

Due to a policy of continuous product development we reserve the right to change product specifications without prior notice
*Acoustic/structural performance is based on other system / glass test data.
†This glass type has not been laboratory tested by Komfort and the sound insulation rating shown is assessed based on the glass manufacturers data.
**Special anodised finish - is available on a project by project assessment.



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