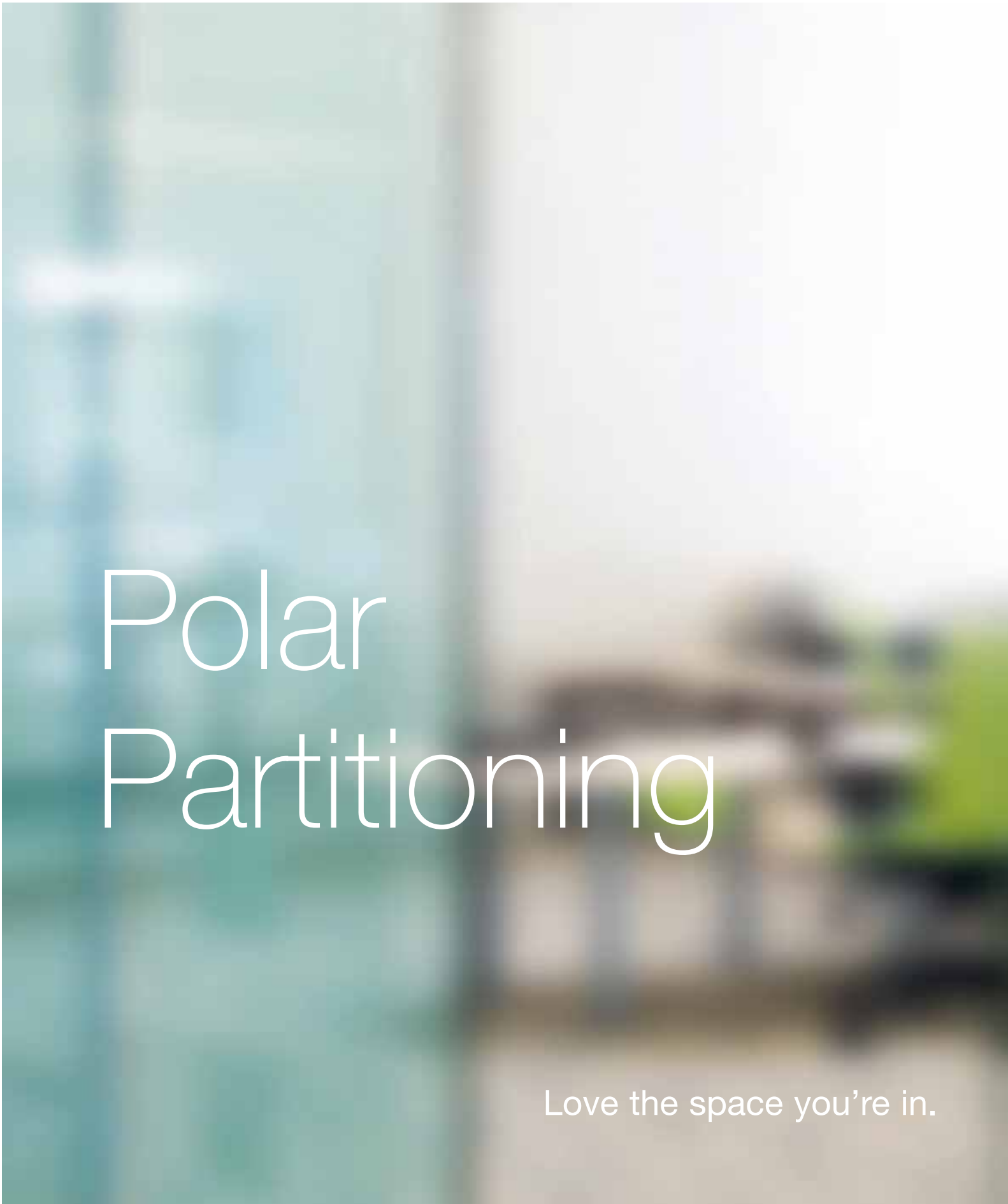
KOMFORT WORKSPACE

Capital OFFICE PARTITIONING

Head Office and Essex 020 8500 9888
email info@capitalofficepartitioning.co.uk



Polar Partitioning

Love the space you're in.

Komfort Workspace, our products, and you.

Our aim is to provide you, our customers with an unprecedented range of products and services.

"The space within becomes the reality of the building" - Frank Lloyd Wright

Every interior is unique. Its design has direct impact on individuals and the success of any business. This makes it so important to source the most compatible products for appearance, use of space and functionality.

We continue our on-going innovation in product design. Our partitions achieve high fire, acoustic and structural performance through stringent testing. This guarantees the safest and widest product offering for the UK's Commercial Interiors Sector. We ensure that all products are assembled and installed by professionals to the highest quality.

Komfort's Polar partitions are stylish, dynamic and technologically sophisticated. They allow light to permeate through the space they divide to nurture inspiration and collaborative working.

KOMFORT WORKSPACE | SIG INTERIORS MANUFACTURING

NSS Plus | Capital OFFICE PARTITIONING

Partitioning Performance Comparison Chart

This fold-out chart enables you to easily compare the performance specifications and options for each of our partitioning systems shown.

This page can be folded out and viewed next to each of the technical drawing double page spreads to give you an instant visual overview of each partitioning systems construction method and junction drawings alongside the relevant peformance specifications.

For further technical specifications and technical drawing downloads visit
komfort.com

Full height faceted single glazed Polar incorporating single glazed doors within standard height SJ35 doorframes and glazed overpanel

POLAR Single Glazed

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

clarity

Full height single glazed Polar incorporating pivot single glazed doors with patch fixings and glazed overpanel

Full height heat soak treated
single glazed Polar to the edge
of the mezzanine floor

POLAR
Single Glazed

Full height single glazed Polar with full height double timber doors and frames

Angled single glazed
Polar to ground floor
and mezzanine

POLAR
Single Glazed

Polar single glazed is a frameless dry or silicon vertical jointed system

Technical spec at a glance

DIMENSIONS:
Up to 3300mm high

FIRE RATINGS:
Up to 30/30

ACOUSTICS:
Up to 38dB (Rw)

STRUCTURE:
Up to severe duty

DEFLECTION HEAD (+/-):
YES

WEIGHT Per m^2 (kg):
Up to 37.53

BLINDS:
N/A

MANIFESTATION:
Yes

Detailed Polar Single Glazed drawings can be found on pages 16-17. In addition a partitioning product comparison chart can be found on the inside back cover of this brochure.

For further technical specifications and technical drawing downloads go to - **www.komfort.com**

Curved single glazed Polar with banded manifestation

POLAR
Single Glazed

Available in straight striking lines, facets, or the most graceful curves, Polar's minimalist form exudes elegance and luxury in all kinds of surroundings.

Full height single glazed Polar

Faceted single glazed Polar incorporating standard height Manet sliding glass door

Full height curved single glazed Polar incorporating bespoke manifestation

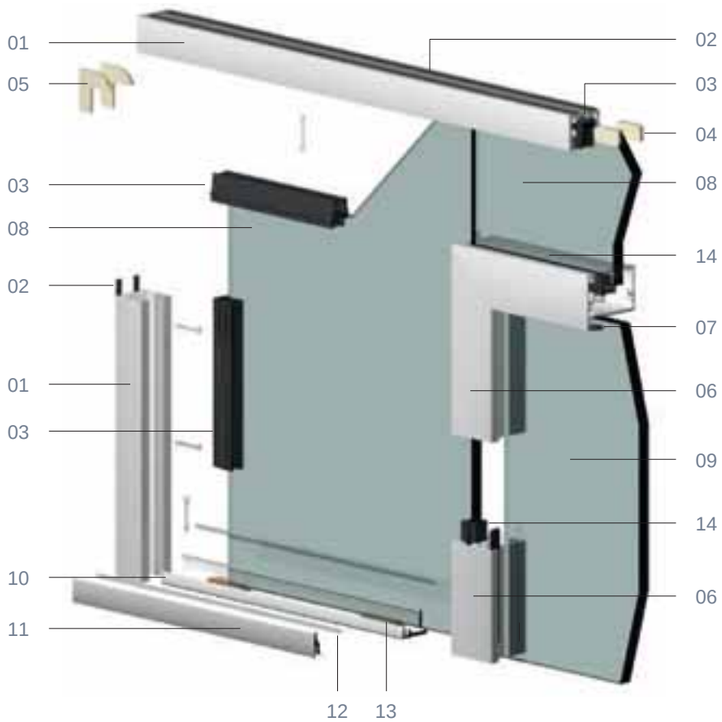
POLAR
Single Glazed

Isometric and Junction Details

Polar Single Glazed

partitioning system

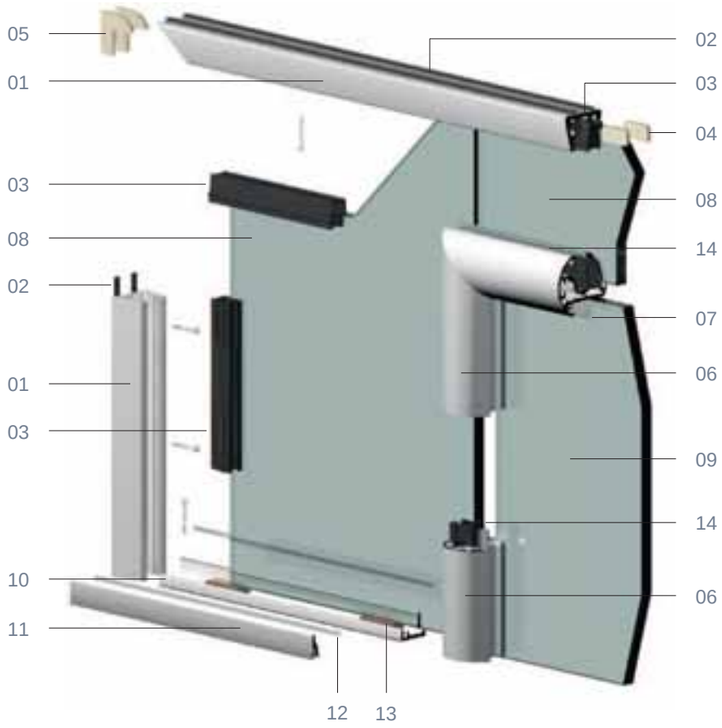
01 Head / abutment channel
02 Abutment seal
03 PVCu glazing channel
04 Straight jointing cleat
05 90º jointing cleat
06 Aluminium door frame flat profile
07 Door frame seal
08 10 / 12mm toughened safety glass
09 10mm / 12mm toughened safety glass door
10 Base channel
11 Base channel leg
12 Glazing bead
13 Glass packer
14 Door frame glazing channel

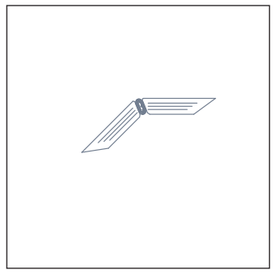


Polar Single Glazed

partitioning system

01 Head / abutment channel
02 Abutment seal
03 PVCu glazing channel
04 Straight jointing cleat
05 90º jointing cleat
06 Aluminium door frame round profile
07 Door frame seal
08 10 / 12mm toughened safety glass
09 10mm / 12mm toughened safety glass door
10 Base channel
11 Base channel leg
12 Glazing bead
13 Glass packer
14 Door frame glazing channel

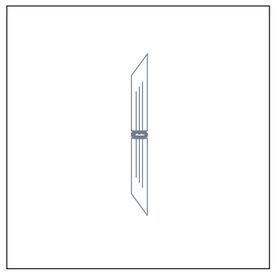




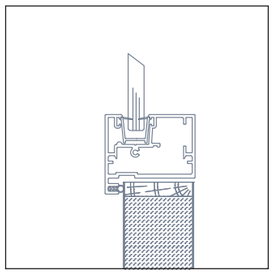
135º glazed junction

3 way glazed junction

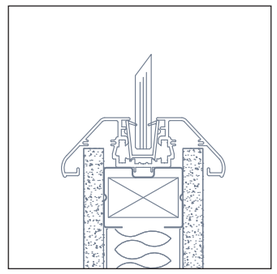
90º glazed junction



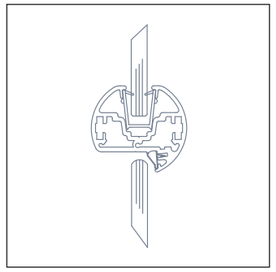
Glazed to glazed junction



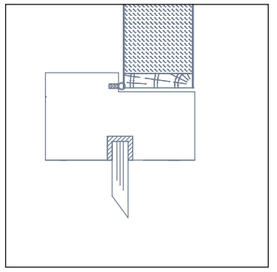
Glazed to aluminium door frame with timber door



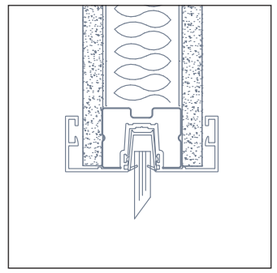
Reducer post from 75mm plasterboard partition system



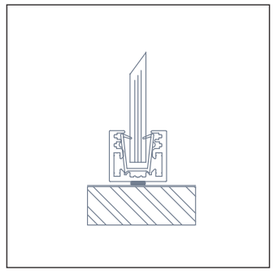
Glazed to halo auminium door frame with glass door



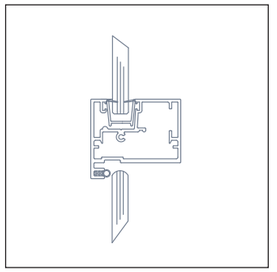
Glazed to timber door frame with timber door



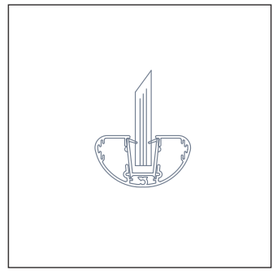
Glazing pocket from 75mm plasterboard partition system



Glazed abutment



Glazed to aluminium door frame with glass door



Glazed fair end

These drawings are for guidance only. For comprehensive information please contact our technical department

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

Double glazed Polar with full height DGP25
doorframe and veneered door

POLAR Double Glazed

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

chic

Full height double glazed Polar incorporating single glazed doors within full height Halo doorframes

Full height double glazed Polar with full height flush double glazed door

Full height double glazed Polar with integral blinds featuring standard height timber doors and rebated overpanel within full height Halo doorframes

Full height faceted double glazed Polar

POLAR
Double Glazed

Polar double glazed is a frameless dry vertical jointed system with ghost post mullions

Technical spec at a glance

DIMENSIONS:
Up to 3300mm high

FIRE RATINGS:
N/A

ACOUSTICS:
Up to 49dB (Rw)

STRUCTURE:
Up to severe duty

DEFLECTION HEAD (+/-):
YES

WEIGHT Per m^2 (kg):
Up to 60.36

BLINDS:
Yes - integral

MANIFESTATION:
Yes

Detailed Polar Double Glazed drawings can be found on pages 30-31. In addition a partitioning product comparison chart can be found on the inside back cover of this brochure.

For further technical specifications and technical drawing downloads go to - **www.komfort.com**

Full height double glazed Polar incorporating full height DGP25 doorframe containing veneered door and rebated overpanel. To the left of the door is Polar Vision with Polar single glazed at the end of the run

POLAR
Double Glazed

The discreet mullions and framework of double glazed Polar combine contemporary aesthetics, elegance and durability. A tried and tested system that creates a stunning look in any working environment.

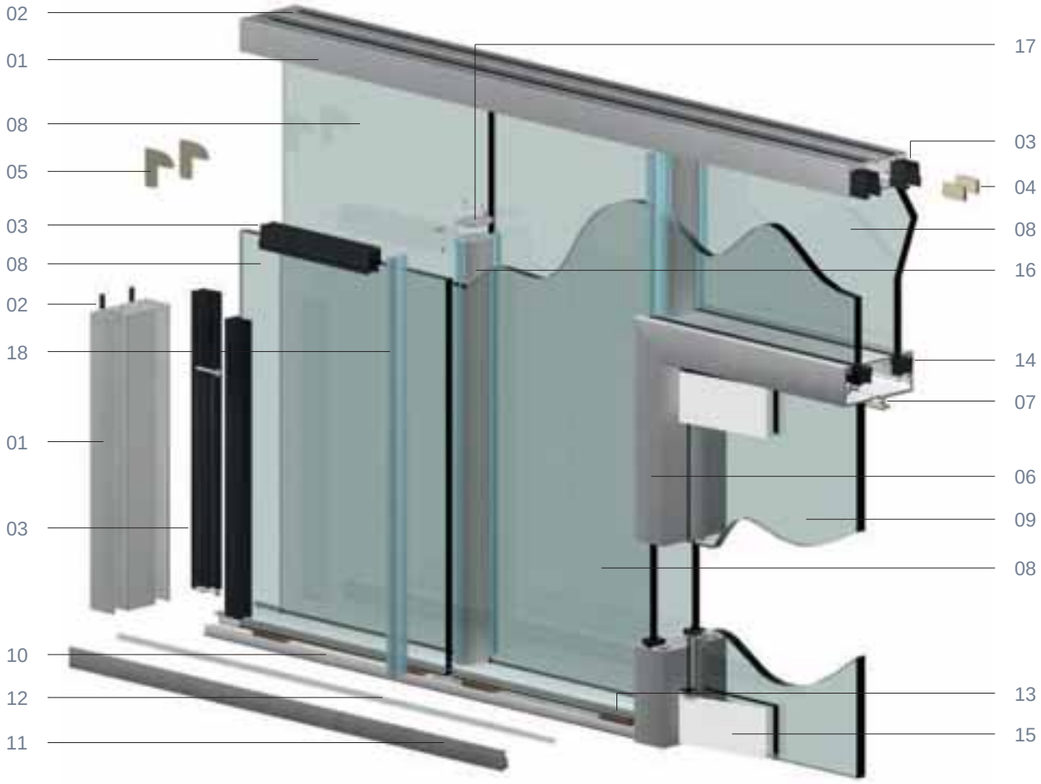
Full height double glazed Polar with bespoke manifestation

Full height double glazed Polar with standard height halo doorframe, double glazed overpanel and glass door

Full height double glazed Polar with banded manifestation

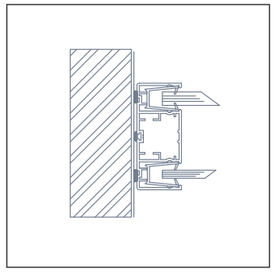
POLAR
Double Glazed

Isometric and Junction Details

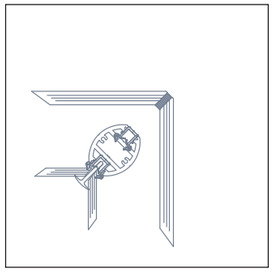


Polar Double Glazed - partitioning system

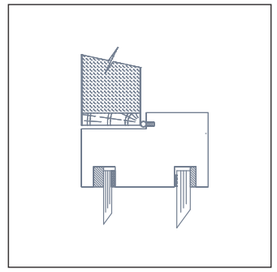
01 Head / abutment channel
02 Abutment seal
03 PVCu glazing channel
04 Straight jointing cleat
05 90º jointing cleat
06 Aluminium door frame
07 Door frame seal
08 10 / 12mm toughened safety glass
09 10mm / 12mm toughened safety glass door
10 Base channel
11 Base channel leg
12 Glazing bead
13 Glass packer
14 Door frame glazing channel
15 Pivot patch fitting
16 Ghost post
17 Ghost post securing plate
18 Glass securing nail



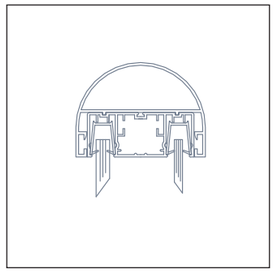
Glazed abutment



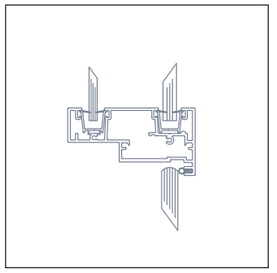
90º glazed junction



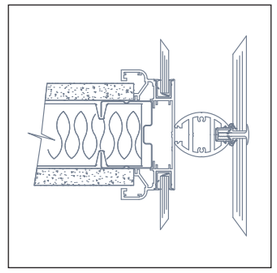
Glazed to timber door frame with timber door



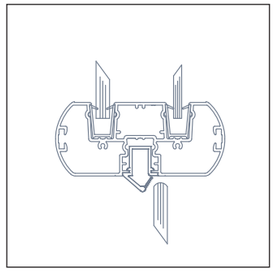
Glazed fair end



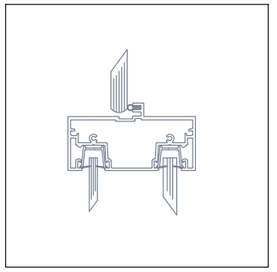
Glazed to aluminium door frame with flush door stop and glass door



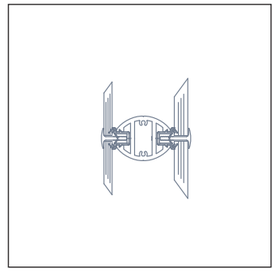
3 way glazed to solid to glazed junction



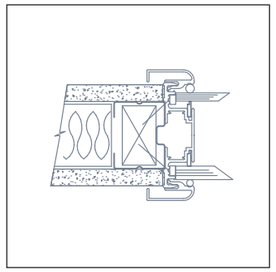
Glazed to halo aluminium door frame with glass door



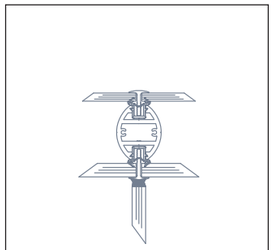
Glazed to aluminium door frame with central door stop and glass door



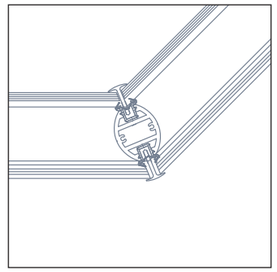
Glazed to glazed junction



Glazing to 75mm plasterboard partition system



3 way double glazed to single glazed



135º glazed junction

These drawings are for guidance only. For comprehensive information please contact our technical department

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

Faceted Polar Vision with full height applied graphics

POLAR Vision

intrigue

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

Full height Polar Vision

Full height Polar Vision with striking bespoke manifestation

Full height Polar Vision with applied graphics

Full height Polar Vision incorporating timber panels

POLAR Vision

Polar Vision is a frameless dry vertical jointed system

Technical spec at a glance

DIMENSIONS:
Up to 3000mm high

FIRE RATINGS:
Up to 30/30

ACOUSTICS:
Up to 48dB (Rw)

STRUCTURE:
Up to heavy duty

DEFLECTION HEAD (+/-):
YES

WEIGHT Per m^2 (kg):
Up to 55.36

BLINDS:
N/A

MANIFESTATION:
Yes

Detailed Polar Vision drawings can be found on pages 44-45. In addition a partitioning product comparison chart can be found on the inside back cover of this brochure.

For further technical specifications and technical drawing downloads go to - **www.komfort.com**

Full height Polar Vision creating a meeting area

POLAR Vision

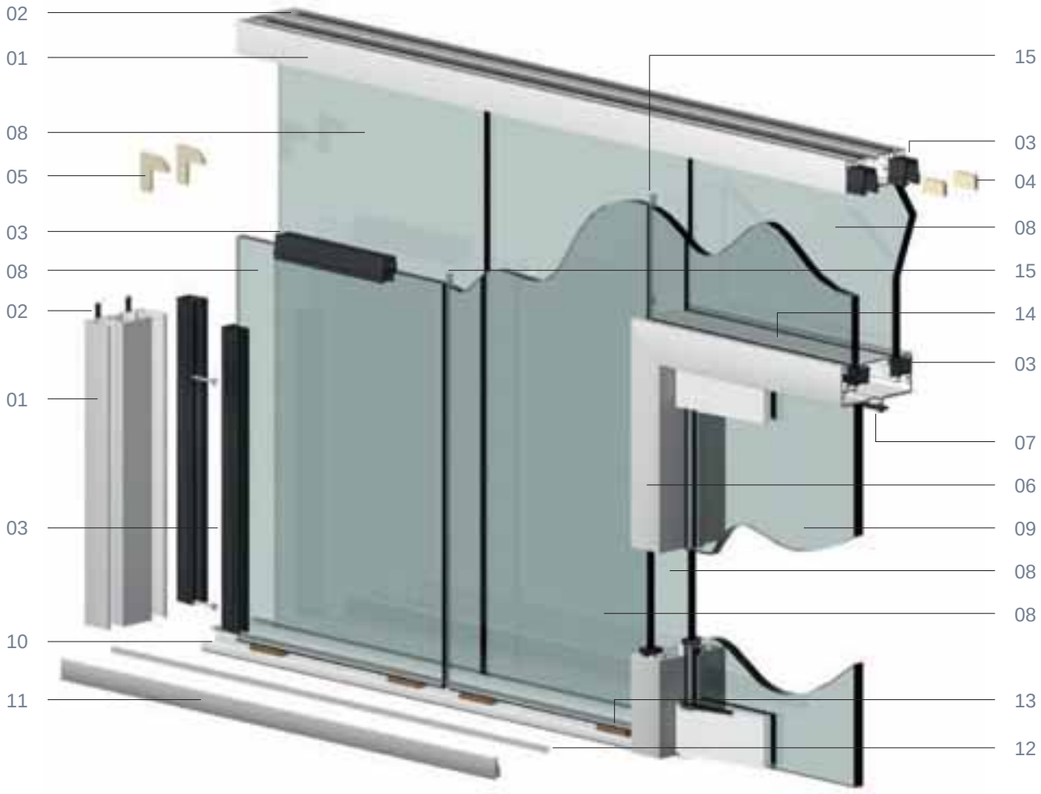
Inspiration and innovation reach new heights with Polar Vision. Its minimal form, confident lines and unrestricted views deliver opulence and exclusivity in any office.

Full height Polar Vision with full height Halo double doorframe incorporating glass doors with patch hinges

Faceted and straight Polar Vision with full height timber doorframe incorporating standard height veneered door and rebated overpanel

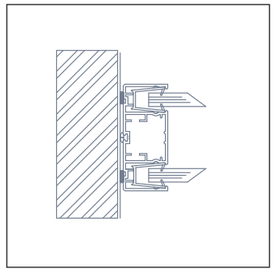
Polar Vision with full height flush double glazed doors with Part M compliant dot manifestation

Isometric and Junction Details

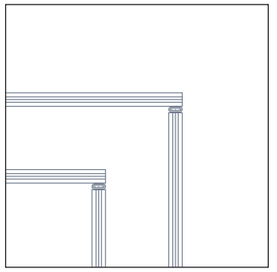


Polar Vision - double glazed partitioning system

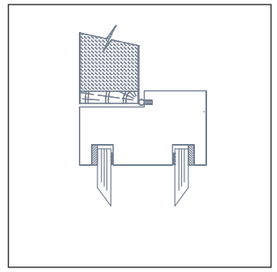
01 Head / abutment channel
02 Abutment seal
03 PVCu glazing channel
04 Straight jointing cleat
05 90° jointing cleat
06 Aluminium door frame
07 Door frame seal
08 10 / 12mm toughened safety glass
09 10 / 12mm toughened safety glass door
10 Base channel
11 Base channel leg
12 Glazing bead
13 Glass packer
14 Door frame glazing channel
15 Self adhesive translucent glazing joint



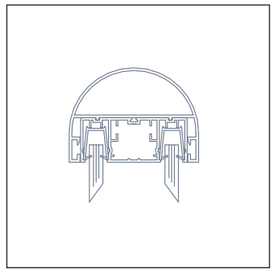
Glazed abutment



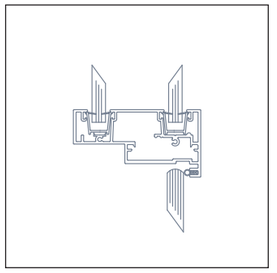
90° glazed junction



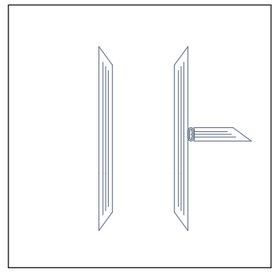
Glazed to timber door frame with timber door



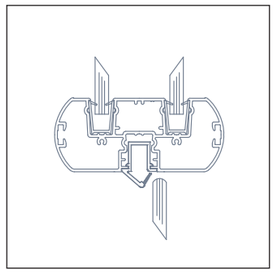
Glazed fair end



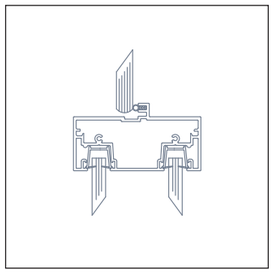
Glazed to aluminium door frame with flush door stop and glass door



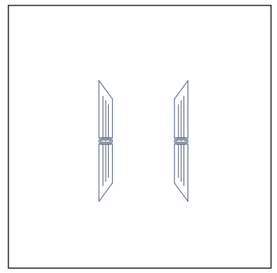
3 way double glazed to single glazed junction



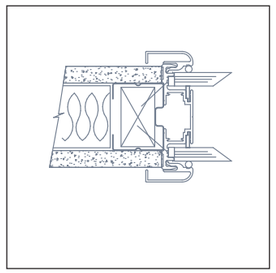
Glazed to halo aluminium door frame with glass door



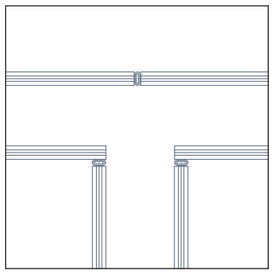
Glazed to aluminium door frame with central door stop and glass door



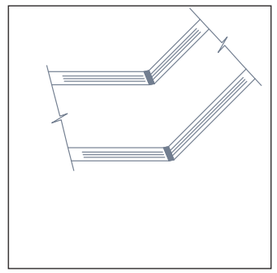
Glazed to glazed junction



Glazing to 75mm plasterboard partition system



3 way double glazed junction



135° glazed junction

These drawings are for guidance only. For comprehensive information please contact our technical department

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

Full height faceted PolarTec with applied graphics

POLAR Tec

robust

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

Full height PolarTec with applied film signage

Faceted PolarTec
with full height
applied graphics

POLAR Tec

PolarTec is a frameless dry vertical jointed system with deflection head

Technical spec at a glance

DIMENSIONS:
Up to 3000mm high

FIRE RATINGS:
Up to 30/30

ACOUSTICS:
Up to 48dB (Rw)

STRUCTURE:
Up to heavy duty

DEFLECTION HEAD (+/-):
YES

WEIGHT Per m^2 (kg):
Up to 55.36

BLINDS:
N/A

MANIFESTATION:
Yes

Detailed PolarTec drawings can be found on pages 54-55. In addition a partitioning product comparison chart can be found on the inside back cover of this brochure.

For further technical specifications and technical drawing downloads go to - **www.komfort.com**

Faceted PolarTec

POLAR Tec

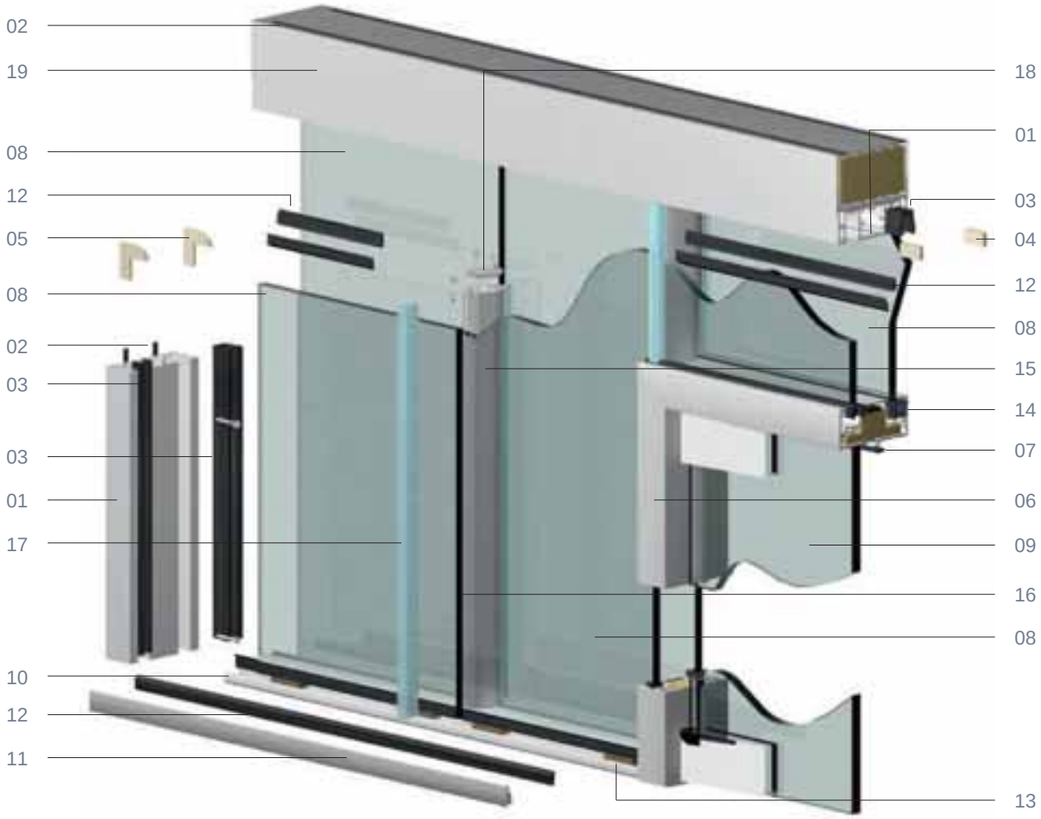
Displaying the breathtaking appearance of its contemporaries, PolarTec provides the added security of outstanding performance for those exceptionally demanding applications.

Full height PolarTec

Full height faceted PolarTec with applied graphics

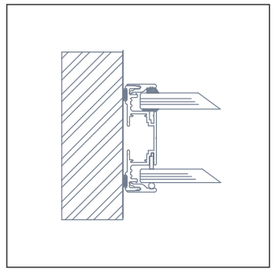
Full height PolarTec with dotted applied manifestation

Isometric and Junction Details

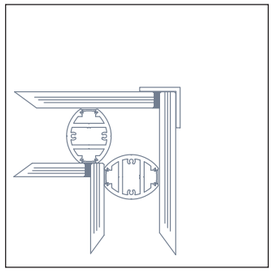


PolarTec - double glazed partitioning system

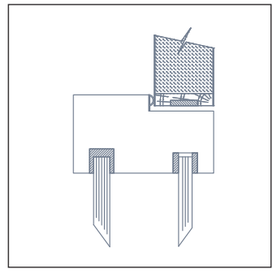
01 Head / abutment channel
02 Abutment seal
03 PVCu glazing channel
04 Straight jointing cleat
05 90° jointing cleat
06 Aluminium door frame
07 Door frame seal
08 10 / 12mm toughened safety glass
09 10 / 12mm toughened safety glass door
10 Base channel
11 Base channel leg
12 Glazing bead
13 Glass packer
14 Door frame glazing channel
15 Ghost post
16 Plastic glazing joint pocket
17 Plastic glazing joint nail
18 Ghost post fixing plate
19 Outer deflection head channel



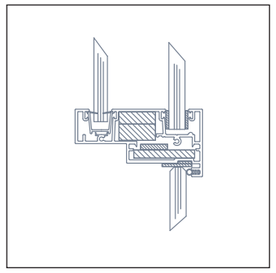
Glazed breakdown abutment



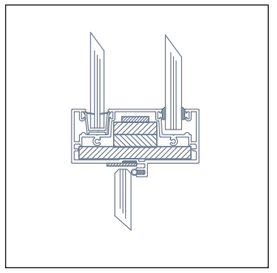
90° external glazed junction



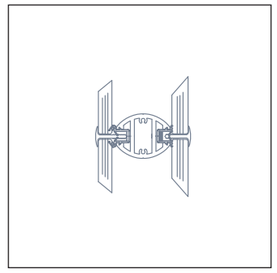
Glazed to timber door frame with timber door



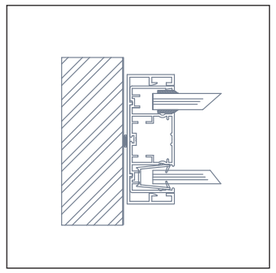
Glazed to aluminium door frame with flush door stop and glass door



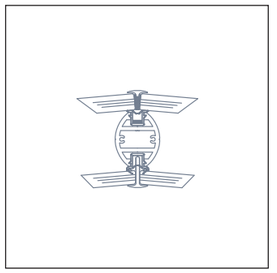
Glazed to aluminium door frame with central door stop and glass door



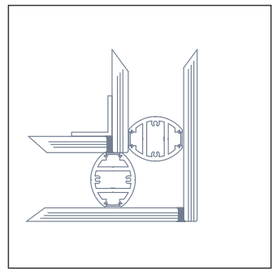
Glazed to glazed junction



Glazing abutment



10° faceted glazed junction



90° internal glazed junction

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

These drawings are for guidance only. For comprehensive information please contact our technical department

Full height Polar 100 incorporating glazing with solid elements and full height PSQ4 Polar 100 doorframe containing a full height door with vision panels

POLAR 100

Polar partitioning product comparison chart can be found on the inside back cover of this brochure

sleek