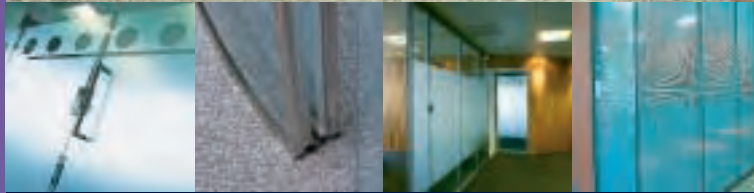


KOMFORT PARTITIONS & CEILINGS

# Polar Glazed partition systems





Polar allows light to flood through the workplace to create an atmosphere of space, yet effectively provides shielded office zones where concentration and creativity may flourish.

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

Faceted Single Glazed Polar provides a screen for this design studio, yet allows light to permeate through to other working areas



4 | Polar Walls - Glazed Partition Systems - Komfort Office Environments

Polar



## Single Glazed

Single Glazed Polar is designed with the minimum of components, thus facilitating speed of erection without compromising strength and rigidity. It is a silicone jointed yet virtually frameless system with no vertical posts between modules, corners or three-way junctions.

The remaining framework has an integral gripping gasket which retains the glass in lieu of silicone. This is a benefit when future relocations of Polar may be necessary as it alleviates any wastage of glass.

Depending on the requirement, Polar has two different styles of head detail. The first fully integrates into the ceiling with the effect that the glass just disappears above the tiles. Alternatively, the micro head channel is seen on the underside of the ceiling.

Single Glazed Polar provides good sound privacy of 36dB (Rw). Fire resistance of up to 30 minutes for both insulation and integrity can be achieved.

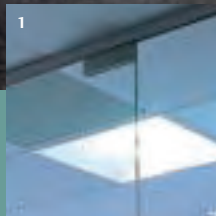
This major pharmaceutical company chose Single Glazed Polar to shield cellular offices from open plan areas  
Contractor: Systems By Design Plc



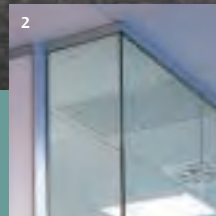
Polar with full height veneered doors was the preferred option  
Contractor: The Commercial Interior Company Limited



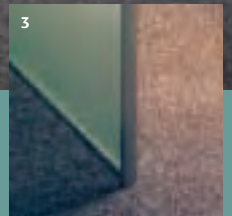
» Polar Walls - Glazed Partition Systems - Komfort Office Environments



1 Micro head and full height frameless glass door



2 90° silicone jointed corner



3 Radius stop end



1 Faceted Polar front



2 Double glazed option



3 Combination of single glazed (left) and double glazed (right)

Architect: Artillery Architecture and Interior Design



Single glazed Polar with three door options including (from left to right)

1. Surface fixed, curved Polar Slide door
2. Full height sliding door with pelmet and concealed operating mechanism
3. Pivoted frameless glass door with glass overpanel



## Polar

Fire BS476: Part 22		Sound dB (Rw) to BS EN ISO 140-3		Strength Duty Level to BS5234	
Single	Double	Single	Double	Single	Double
<b>30 mins*</b> 17mm Promat System Glass	N/A	<b>36dB</b> 12mm toughened glass	<b>42dB</b> 6mm/10mm toughened glass	<b>Severe</b> at 2.6m high	<b>Severe</b> at 2.4m high

\* For both integrity and insulation, glazed elevation excluding doors





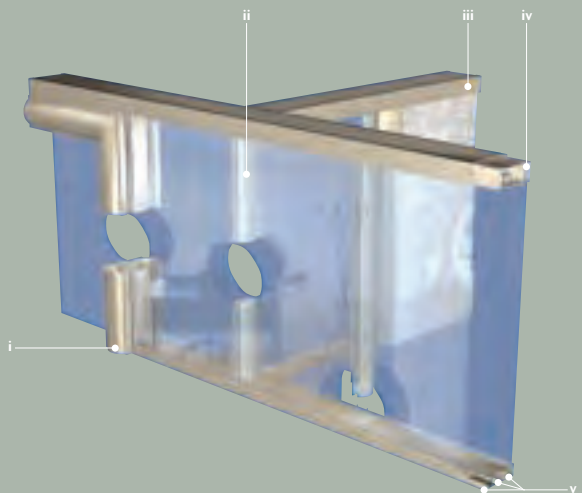
Double Glazed Polar with integral blinds and full height glass doors

Curved Double Glazed Polar  
 Contractor: Contract Services  
 End User: BUPA



## Double Glazed

Double Glazed Polar is the epitome of contemporary partitioning often enhanced by dramatic glass decoration. Providing an environment for both communicative and inspired work, the simplistic method of installation, relocatability and powerful acoustic properties make it such a practical option too.



Double Glazed Polar

- i Halo door frame
- ii Ghost post
- iii Komfire 75 head channel
- iv Polar head channel
- v Three-part base channel



## Glazed Screen Manifestation

Komfort's Glass and Graphics Division is able to offer a stunning array of glass manifestation from the simplest of form to full corporate imaging including logos, brands or photography.

Utilising one of a combination of the 9 colours from the 'K' series glass vinyl range a design can be created to comply with the requirements of Part M of the Building Regulations and assist Corporates to meet their duties under the Disability Discrimination Act (DDA).

## Double Glazed

The double glazed version of Polar uses no silicone even at glass-to-glass joints. Shared support to both panes of glass is offered by the unique 'ghost post' which means that the system is totally relocatable should future needs dictate.

The slim aluminium framework may be coloured to choice to match the surrounding decor whilst the door frame accepts either full height glass or veneer doors. Venetian blinds are readily accommodated within the glazing cavity and are operated by a small round knob control located at the 'mock silicone' joint.

Enhanced sound performance is a definite advantage of Double Glazed Polar which achieves a rating of 42dB (Rw).

Both Single and Double Glazed Polar are aesthetically compatible and may be used in combination on a project to satisfy varying performance needs.



Double Glazed Polar is used to create meeting rooms for this pharmaceutical company  
Contractor: Systems By Design Plc



Full height veneered doors in  
Polar 100 door frame

## Polar 100

The primary benefit of Polar 100 is that it provides a fully integrated system that can accommodate single glazed, double glazed and solid elements. It also adds an angular dimension to the Polar family of partitions through its use of squarer profiles.

Single and double glazed formats comprise perimeter framing only, with vertical glass edges abutting a small infill strip. Visually monolithic solid elevations feature a flush skirting and a recessed head, this head detail being common to all elevations. The multi-function, single action door frame may be incorporated within glazed or solid runs and can house timber and glass door sets.

Polar 100 has the facility to integrate an architrave light switch in the door frame.

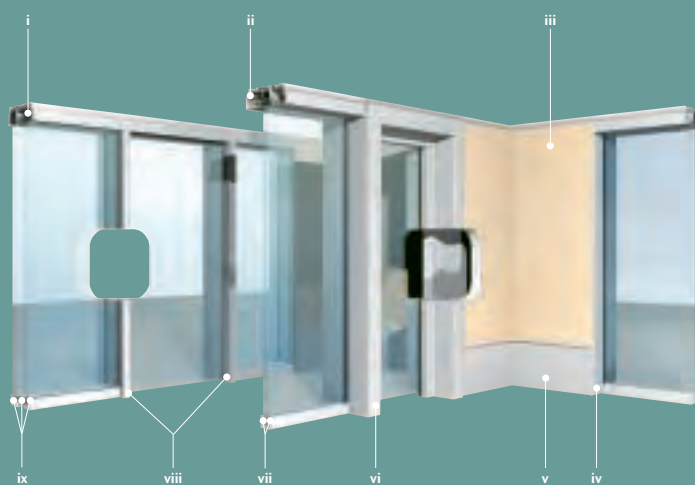


Polar 100 solid panels combine  
with Double Glazed Polar

A combination of glazed and solid  
Polar 100 panels creates this room  
dividing screen

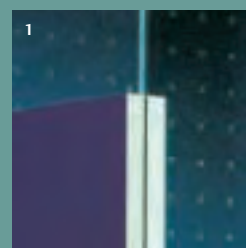


Polar 100 office showing the ease of integration of the various solid, glazed and door frame elements



**Polar 100**

- i Recessed double glazed head channel
- ii Recessed single glazed head channel
- iii Plasterboard
- iv Single glazed to solid reveal upright
- v 100mm skirting
- vi Door frame
- vii Two-part single glazed base channel
- viii Double glazed slim frame (for pivoted doors)
- ix Three-part double glazed base channel



1 Transition between a solid island wall and adjacent single glazed panels



2 Single centre glazed with micro-base neatly integrates into a solid island wall

Surface fixed, curved  
Polar Slide double doors



## Doors

As you will have seen throughout this brochure, Komfort offers a variety of glass and veneered door systems to fully complement Komfort's Polar range of partitioning.

Where space is at a premium, sliding glass doors can assist in maximising the efficiency of space in order to minimise rental costs.



Full height, frameless  
single action door







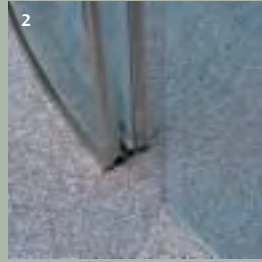
Surface fixed double doors,  
with Polar Slide Mechanism,  
in a straight Polar run  
Contractor: Herriot Project  
Management Limited



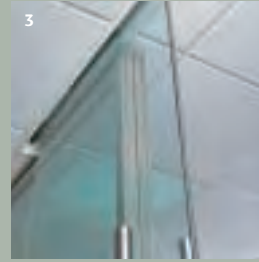
Sliding glass door in  
Double Glazed Polar



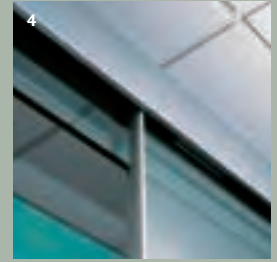
1 Sliding door in double glazed at head



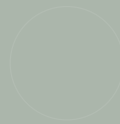
2 Sliding door in double glazed at base



3 Integrated glazed sliding door



4 Sliding door with pelmet



## Komfort Workspace plc

Sales Offices - UK

### Crawley

Whittle Way  
Crawley  
West Sussex  
RH10 9RT

**Tel** +44 (0)1293 592500  
**Fax** +44 (0)1293 553271  
**Email** general@komfort.com

### Birmingham

Globe House  
Parkrose Industrial Estate  
1 Middlemore Road, Smethwick  
Birmingham B66 2DR

**Tel** +44 (0)121 555 0300  
**Fax** +44 (0)121 555 0301  
**Email** midland-sales@komfort.com

### Andover

Reith Way  
West Portway  
Andover  
Hampshire  
SP10 3TY

**Tel** +44 (0)1264 332166  
**Fax** +44 (0)1264 333560  
**Email** sales.dept@screenbase.co.uk

### Edinburgh

The Hibernian Football Club Ltd  
West Stand  
12 Albion Place  
Edinburgh EH7 5QG

**Tel** +44 (0)131 661 7010  
**Fax** +44 (0)131 661 5768  
**Email** scotland-sales@komfort.com

### Leeds

Unit T  
Gildersome Spur Industrial Estate  
Wakefield Road, Morley  
Leeds LS27 7JX

**Tel** +44 (0)113 201 3700  
**Fax** +44 (0)113 238 0447  
**Email** northern-sales@komfort.com

### Sales Office

Republic of Ireland  
Unit 15, Park West Road  
Park West Industrial Estate  
Nangor Road  
Dublin 12, Ireland

**Tel** +353 (0)1 623 6179  
**Fax** +353 (0)1 623 6197  
**Email** dublin-sales@komfort.com

### Show Suite Locations

Gatwick International  
London - City  
Birmingham  
Manchester  
Leeds  
Edinburgh  
Dublin

**National Specifier Support Line**

**Tel: 0870 241 0382**