

Komfort 1000 Series



1

Komfort mullion-free butt jointed glazing with Promat Systemglas technology, allowing designers to maximise the visual freedom of large uninterrupted glass areas without, compromising fire safety standards.

Single and double doorsets with slim frames can be incorporated into the design offering fire performances up to 60 minutes integrity and 60 minutes insulation.

Features:



2

- Perimeter framing finished in Polyester Powder as standard
- Alternative concealed perimeter framing into structure
- Vertical and/or horizontal glass joints sealed with translucent silicone
- Uninterrupted views in critical vision locations, eg. sports stadia
- Unlimited runs of glazing, can be faceted to follow the curves of a building
- Maximum height : 4.0 metres
- Internal use only
- Glass decoration and manifestation can be applied to customer requirements
- Tested to comply with BS 476 part 22:1987
- Good sound reduction capability
- Glass pane sizes up to 2700mm x 1400mm, portrait or landscape orientation
- Slim framed single and double leaf rebated single swing doors, with self closers and central latching can be combined within runs of glazed screens
- Maximum door sizes, single acting:
 - Single – 2250mm x 1520mm (clear opening)
 - Double – 2312mm x 2370mm (clear opening) 30 minute
 - 2200mm x 2370mm (clear opening) – 60 minute



3



4

Systems are constantly evolving. In order to get the latest advice, contact us on 01293 592500 or email architectural.glass@komfort.com

Picture 1: Cotton Building

Picture 2: Red Bull, London

Picture 3: Global Switch, London. Faceted construction

Picture 4: British Antarctic Survey, Cambridge

Komfort 2000 silicon jointed



1



2



3



4



5

Komfort mullion-free, butt jointed glazing with Pyran S technology allows the visual freedom of large uninterrupted glass areas without compromising fire safety standards. Single and double doorsets with slim frames can be incorporated into the assembly to give fire performance of 30 minutes integrity. Fixed screens (omitting doors) can give 60 minutes integrity by incorporating stainless steel studs within the vertical glass-to-glass joints at nominal 650mm centres.

Features:

- Perimeter framing finished in polyester powder coating as standard
- Alternative concealed perimeter framing into structure
- Vertical glass joints sealed with intumescent mastic.
- Uninterrupted views in critical vision locations, eg sports stadia.
- Unlimited runs of glazing, can be faceted to follow the curves of a building
- Internal Use
- Glass decoration and manifestation can be applied to customer requirements
- Tested to comply with BS 476 part 22:1987
- Glass thicknesses from 6mm to 12mm, subject to calculation
- Pane sizes to 3000x 1500mm for 30/0 performance and 3000 x 1040mm for 60/0 performance. (Glass thicknesses and size subject to calculation/load requirement)
- Glass joints are sealed with intumescent mastic in a range of colours (excluding translucent)
- Slim framed single and double leaf rebated single swing doors, with self closers and central latching can be combined within runs of glazed screens (30/0 performance only)
- Maximum door leaf sizes, single acting:
 - Single – 2682mm x 1370mm (1310mm clear opening)
 - Double – 2682mm x 1370mm (2695mm clear opening)

Systems are constantly evolving. In order to get the latest advice contact us on 01293 592500 or email firescreens@komfort.com

Pic 1: Cornerhouse, Nottingham

Pic 2: Hibernian Football Club

Pic 3: Cornerhouse, Nottingham

Pic 4: UCL, Kings Cross, London

Pic 5: Cornerhouse, Nottingham

Komfort 3000D Series



1

Steel profiles for non-rebated double acting swing doors in combination with fixed screen assemblies, providing up to 90 minutes fire integrity. Cold rolled steel profiles are partly welded and partly spigoted for assembly on site, with welds ground smooth prior to painting. Door leaves are fully welded for strength and rigidity.

Features:

- Slim profiles with flush faces
- Secret fixed beads
- Fully glazed double swing doors with or without mid-rails
- Intumescent edge seals for fire control
- Single and double leaf un-latched pivot action doors with self closers, available with a wide choice of push pull handles
- Tested to comply with BS 476 part 22:1987
- Frames finished in matt polyester powder as standard
- Maximum door leaf size:



2

Single - 2700mm x 950mm (845mm clear opening width) for 30minutes
 Double - 2700mm x 950mm (1682mm clear opening width) for 30 minutes
 Single - 2082mm x 841mm (742mm clear opening width) for 60 & 90 minutes
 Double - 2082mm x 841mm (1476mm clear opening width for 60 & 90 minutes
 NB. Non rebated double swing pivot action doorsets are not suitable where smoke control is required in accordance with BS476 part 31



3

Systems are constantly evolving. In order to get the latest advice contact us on 01293 592500 or email firescreens@komfort.com



4

Picture 1: Poole Arts Centre automatic doors

Picture 2: Pivot hung doors with anti finger traps

Picture 3: Main entrance library doors, automatic sensor controlled

Picture 4: Automatic door with Dorma controls

Picture 5: Pivoted swing doors with 30 minutes fire performance



5

Komfort 3000P Series



1

Steel profiles for fixed screen, door and window combinations providing up to 120 minutes fire integrity and smoke control. Cold rolled steel profiles are partly welded and partly spigoted for assembly on site, with welds ground smooth prior to painting.

Features:

- Slim profiles with flush faces
- Secret fixed beads to one side or double beaded
- Single and multi-storey applications
- Fully glazed single swing rebated doors with or without mid-rails
- Double door seals for smoke and fire control
- Single and double leaf doors with self closers and multi-point latching, available with a wide choice of ironmongery
- Available with a range of fire glasses and infill panels according to fire and impact requirements
- Tested to comply with BS 476 part 22:1987
- Frames finished in Matt Polyester Powder as standard
- Suitable for internal and external use
- Maximum door leaf size:
 - Single – 2682mm x 1370mm (1310mm clear opening width)
 - Double – 2682mm x 1370mm (2695mm clear opening width)



2



3

Systems are constantly evolving. In order to get the latest advice, contact us on 01293 592500 or email architectural.glass@komfort.com



4

Picture 1: Windmill Hill, Swindon, Secondary Glazing

Picture 2: Aegon, Edinburgh

Picture 3: UCD, Dublin

Picture 4: UCD, Dublin

Komfort 4000/5000 Series



1

Komfort 4000 & 5000 systems for fixed screen, door and window combinations. The 4000 Series provides up to 60 minutes integrity and 30 minutes insulation and 5000 Series provides up to 60 minutes integrity and 60 minutes insulation.

Thermally broken and insulated cold rolled steel profiles are partly welded and partly spigoted for assembly on site, with welds ground smooth prior to painting. Doors are fully welded for strength and rigidity.

Features:

- Thermally broken sections with flush faces
- Fully glazed single swing doors with or without mid-rails
- Double door seals for fire control
- Single and double doors with self closers, available with latch/locks as standard
- Tested to comply with BS 476 part 22:1987
- Frames finished in Polyester Powder as standard
- Suitable for internal and external use
- Available with a range of fire glasses according to fire and impact requirements
- Maximum door leaf size



2

- Single – 2400mm x 1300mm (30/30 performance)
- Double – 2200mm x 1200mm (30/30 performance)
- Single – 2400mm x 1010mm (60/30 performance)
- Double – 2400mm x 1010mm (60/30 performance)
- Single – 2400mm x 1010mm (60/60 performance)
- Double – 2300mm x 935mm (60/60 performance)



3

Systems are constantly evolving. In order to get the latest advice contact us on 01293 592500 or email firescreens@komfort.com

Picture 1: Library doors

Picture 2: Snibstone entrance doors

Picture 3: Poole Arts Centre 60 minute doorset

Komfort 9000 Series

**1**

Komfort Steel Framed Curtain Wall Systems providing from 30 minutes integrity up to 120 minutes integrity and insulation. The strength of steel grid profiles supports large spans and minimum sight lines with large glazed areas for maximum light.

Features:

- Steel mullion and transom grid profiles with 45mm, 60 mm, or 80mm face widths and depths from 50mm to 180mm, selected to suit specific span heights and design loads.
- Stick Assembly installation
- Stainless Steel Pressure Glazing Plates
- Aluminium Face Caps
- Gasket or Tape and Silicone pointed Glazing, depending on location
- Frames finished in Matt Polyester Powder Coat to BS 6497as standard, aluminium face caps can also be anodised
- Suitable for internal and external use particularly for multi-storey façade applications
- Available with a wide range of fire glasses according to fire and impact requirements
- Tested to comply with BS 476 Part 22 : 1987 and BS 6375 Part 1
- Can be combined with Fully Glazed Steel Fire Doors or Vents, glazed in to the curtain wall profiles.
- Integrity only (9000 NI Series) or integrity & insulation (9000 I Series)

**2**

Systems are constantly evolving. In order to get the latest advice, contact us on 01293 592500 or email architectural.glass@komfort.com

Picture 1: Centre Parks - 2 hour (120/120) screens overlooking tropical pool

Picture 2: Chiroscience, Cambridge - staircase requiring high fibre performance