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system 8000

SAS System 8000 is a fully glazed, frameless partitioning system that complements our range of market leading metal ceilings and other interior fit-out products. Understanding that every project is different; System 8000 combines the architectural demands of integration and deflection with outstanding acoustic, fire and structural performance.



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system 8000 overview

System Description

System 8000 is a fully glazed frameless partitioning system that combines design aesthetics with outstanding fire and acoustic performance, offering specifiers the opportunity to create partitioning without vertical mullions to a maximum height of 4000mm.

System Features

- Available in three widths, Single Glazed, 58mm Double Glazed and 105mm Double Glazed to suit project requirements
- Integration with SAS Metal Ceiling Systems
- Provides up to ± 25 mm of deflection, using a 2-part deflection head
- Provides a seamless integration into drywall, to create a part glazed, part drywall installation
- A variety of head and base tracks to meet specification demands
- Offered in a large variety of paint finishes
- Can be used for atrium glazing

Fire Performance

- Up to 60 minutes Integrity and Insulation
- Can be specified and installed to meet the demands of 30/0, 30/30, 60/0, 60/30 and 60/60
- Tested and independently certified to BS 476

Acoustic Performance

System 8000 can be specified to a range of acoustic performance characteristics, tested to BS 20140 can provide up to 49dB if required.

- Single Glazed up to 37dB
- 58mm Double Glazed up to 45dB
- 105mm Double Glazed up to 47dB

System 8000 can also be specified as twin glazed to provide up to 49dB sound attenuation. For further details contact our technical team.

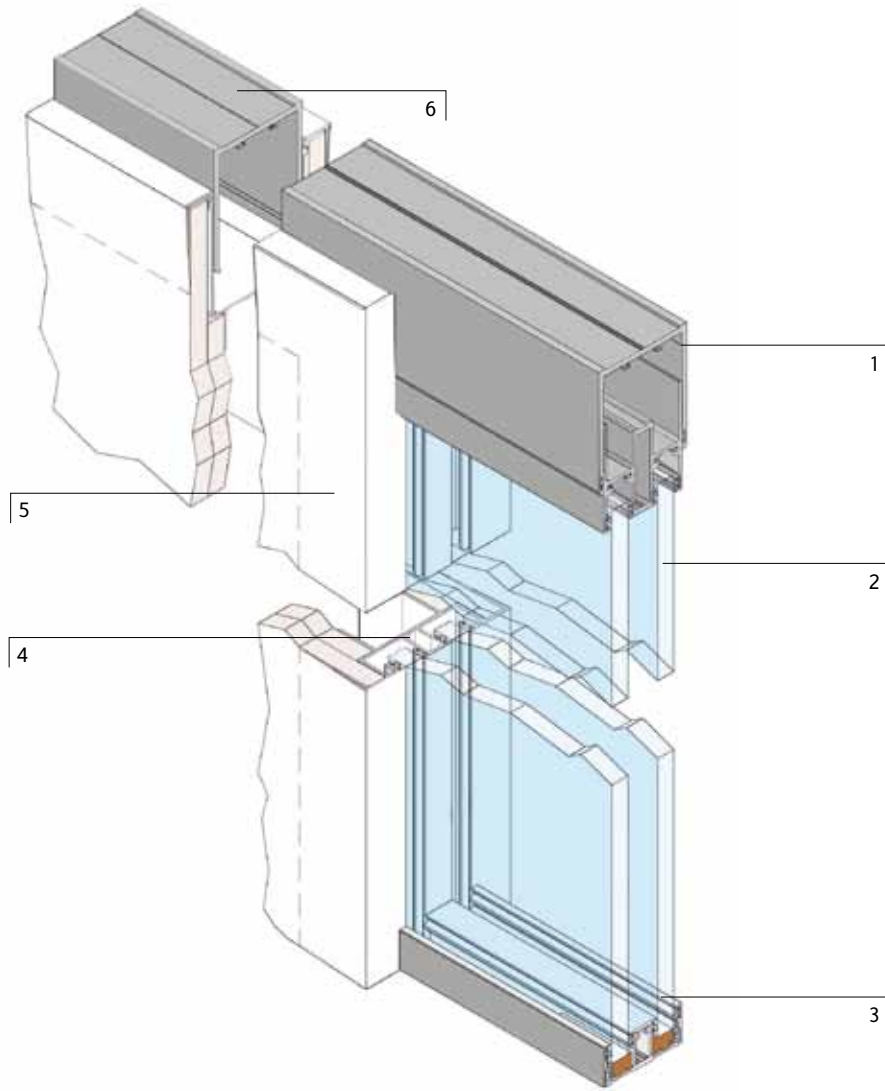
Strength and Stability

System 8000 can be specified to a range of structural performance characteristics tested to BS 5234 can provide:

- 'Medium' duty
- 'Heavy' duty
- 'Severe' duty

For further details, please contact a member of the technical team.





- 1) Range of head channels that provide ceiling integration and deflection heads up to ± 25 mm
- 2) Full range of glass options, including fire rated, acoustic, laminated, electric privacy glass and innovative glass joint options
- 3) A range of base channels to provide integration with differing floor finishes
- 4) A range of vertical drywall integration options
- 5) Drywall / SAS Drywall +
- 6) Seamless integration into drywall and SAS Drywall +

Performance Summary

	Deflection	Acoustic Performance	Fire Performance	Structural Performance
System 8000 SG	<p>up to ± 25</p>	up to 37dB	up to 60/60	up to 'severe' duty
System 8000 NG	<p>up to ± 25</p>	up to 45dB	up to 60/60	up to 'severe' duty
System 8000 DG	<p>up to ± 25</p>	up to 47dB	up to 60/60	up to 'severe' duty

SAS International are able to offer fire performance partitioning up to FD 60/60 (60 minute integrity and 60 minute insulation). A range of construction materials and builds can provide different fire performance levels, including 30/0, 30/30, 60/0, 60/30 and 60/60. The information and sections shown within this brochure are indicative of standard non-performance systems. A further range of sections manufactured from timber and steel is available, depending on performance requirements. For further information, please contact a member of the technical team.

Deflection Technology

In today's built environment it is essential when designing and installing partitioning systems to allow for suitable building slab deflection.

In new building projects dead and live loads can cause significant movement in some long-span floor systems. A live load will almost certainly cause some degree of movement which impacts on the space between the floor and ceiling slab. Partitioning 'deflection' specification is an important consideration on any new build or refurbishment.

System 8000 fully glazed partitioning system includes a number of different head details that are designed to provide up to $\pm 25\text{mm}$ deflection. The system can also be designed to provide greater levels of deflection where required.

Deflection Performance

System 8000 is completely tailored to project requirements, fulfilling a full range of deflection requirements including:

- $\pm 25\text{mm}$ deflection using a minimal 2-part head track
- $\pm 15\text{mm}$ deflection using a single piece head track
- Bespoke deflection option where greater than $\pm 25\text{mm}$ is specified

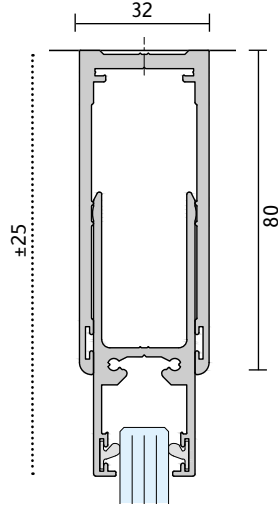
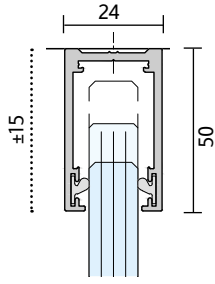
Glass and Drywall Deflection

A key design feature allows for clean and seamless glass integration into SAS Drywall +.

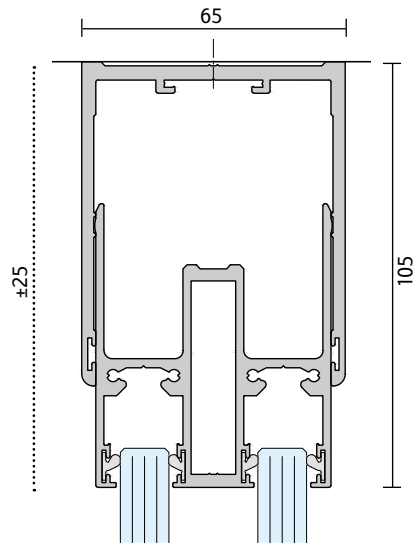
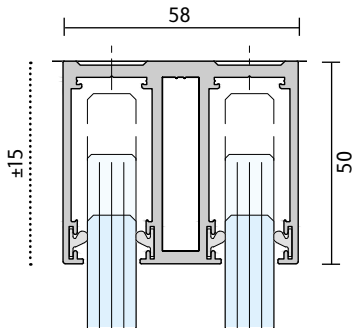
This aesthetic detail is enhanced as both the glass and drywall elevations utilise the same head detail to create a seamless deflection track, this allows for equal deflection movement across the combined partitioning systems.



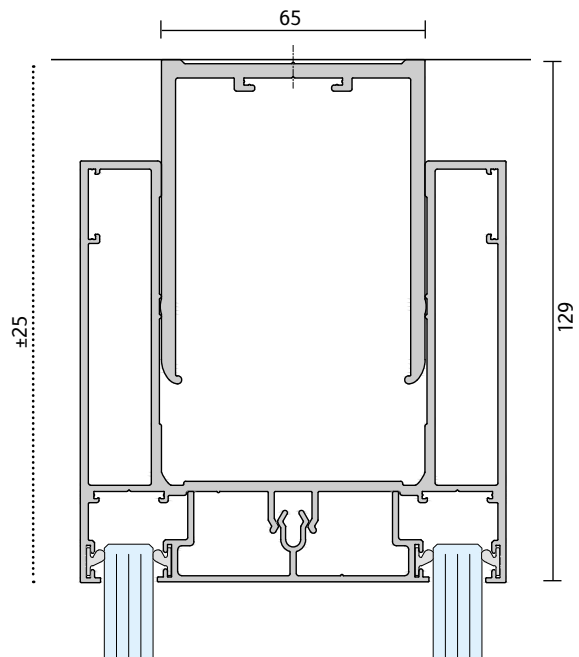
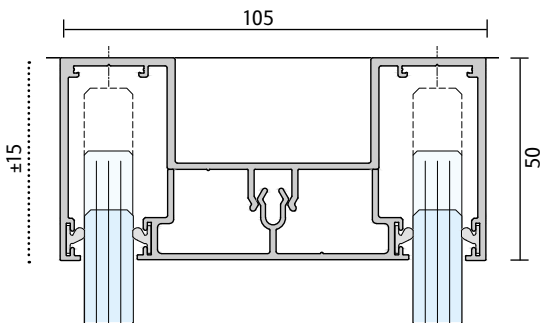
System 8000 SG Deflection Head Detail



System 8000 NG Deflection Head Detail



System 8000 DG Deflection Head Detail



	Deflection Tolerance	
	± 15mm	± 25mm
System 8000 SG	✓	✓
System 8000 NG	✓	✓
System 8000 DG	✓	✓

Drywall Integration

System 8000 can be used as a stand alone glass partitioning system but is also designed to integrate with SAS Metal Ceiling Systems, plasterboard ceilings, drywall and SAS Drywall +.

System 8000 allows for seamless integration from glass into solid. Glazed sections recess into a drywall junctions to provide a single walled partitioning system of both glass and drywall.

Metal Ceiling Integration

System 8000 is designed to integrate with SAS Metal Ceiling Systems. This integration design ensures no installation damage is sustained to the ceiling tiles or grid system. This prevents long-term refurbishment costs to the client and tenants.

Plasterboard / MF Ceiling Integration

System 8000 can be recessed into plasterboard ceilings using glazing reveal channels to give the impression of a glass partitioning system with no head or wall abutment track.

Drywall Integration

System 8000 can integrate between glass and drywall at any point in a partitioning floor plan, to offer choice between glazed and solid partitioning.

The use of multiple junctions provides innovative design layouts. Junctions between the glass and drywall are recessed to provide a clean and seamless joint and are manufactured in single or 3-way junctions, with a range of in-line and 3-way integration profiles available.

Features and Benefits

System 8000 drywall integration can be uniquely designed to the user's specification requirements.

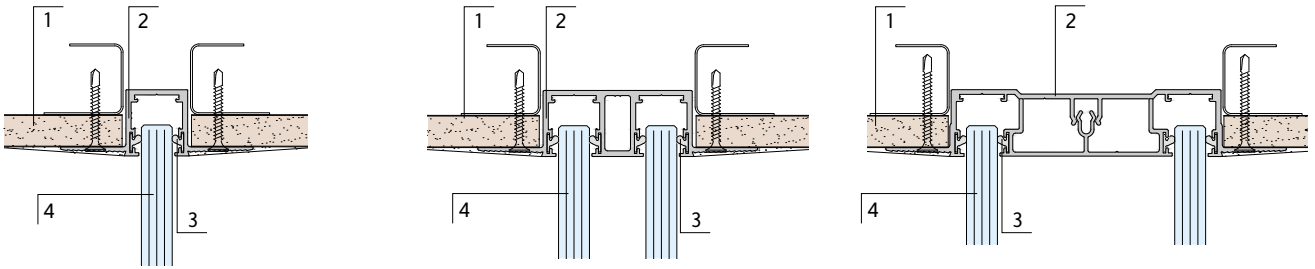
- Available with recessed head and wall tracks for plasterboard applications
- Designed to work with varying drywall and glass widths
- Seamless integration with SAS Drywall +
- Designed to integrate with SAS Metal Ceiling Systems including Alugrid-Q and Omega C-profiles

Acoustic and Fire Performance

The glass can be specified to meet optimum performance levels.

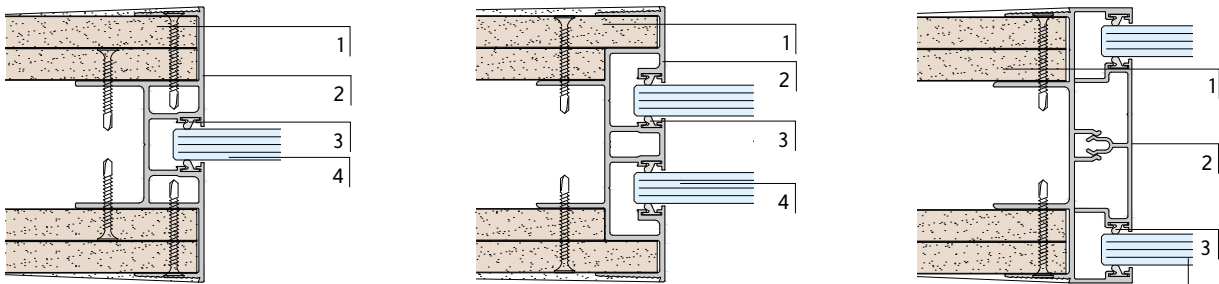


System 8000 Plasterboard (MF Ceiling) Integration



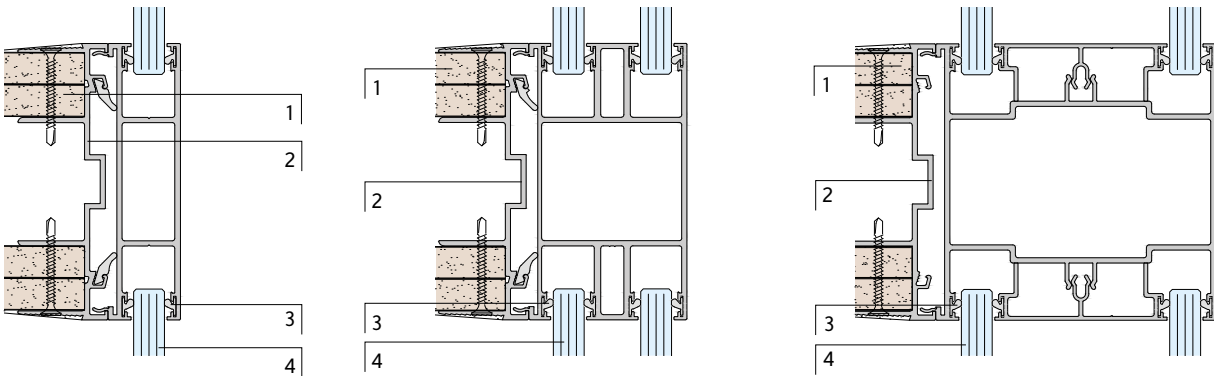
1) Plasterboard 2) Recessed head channel with tapered edge for skimming 3) Glazing seal 4) Glass

System 8000 in line Drywall Integration



1) Plasterboard Drywall 2) Glazing adaptor post channel with tapered edge for skimming 3) Glazing seal 4) Glass

System 8000 3-way Drywall Integration



1) Plasterboard / Drywall 2) 3-way adaptor post with tapered edge for skimming 3) Glazing seal 4) Glass

System 8000 integrates with 100mm and 125mm SAS Drywall +









system 8000 SG

Relocatable Single Glazed Partitioning System

system 8000 SG overview

System Description

System 8000 SG is a single glazed partitioning system that can incorporate differing thicknesses and glass types to meet project criteria.

System 8000 SG offers an aesthetically modern design, either as full glass partitioning system or integrated with drywall, to provide a mixture of drywall and glass.

System Benefits

- Acoustic performance options up to 37dB
- Overall width of standard head and base track 24mm
- Fire performance options up to FD60/60 (integrity and insulation)
- Choice of glass joints including our revolutionary C-Joint
- Provides up to ± 25 mm of deflection, using a 2-part deflection head
- Provides a seamless integration into drywall, to create a part glazed, part drywall partitioning system
- Integrates with SAS Metal Ceiling Systems
- Fully relocatable
- Offers a variety of head and base tracks to meet specification demands

Finish

System 8000 is finished with a polyester powder coating. Standard colours include RAL 9010 and RAL 9006, but can also be specified in over 200 RAL Colours.

Glass Options

A range of glass in nominal thicknesses, from 10mm to 22mm, is available including:

- Toughened
- Laminated
- Toughened and laminated
- Fire Rated
- Acoustic
- Electric privacy glass

Door Integration

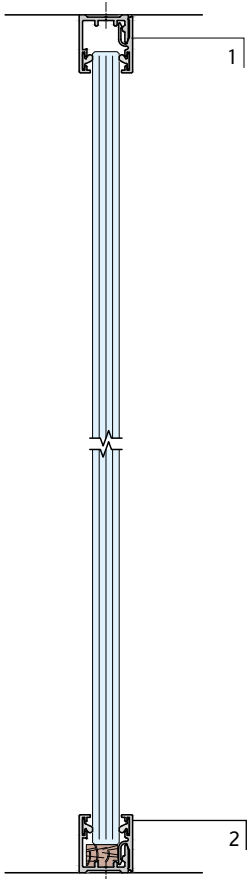
Our single glazed system provides a range of standard and full height door options including:

- Frameless glass doors
- Framed glass doors
- Sliding glass doors
- Flushed glazed doors
- Wood flush doors

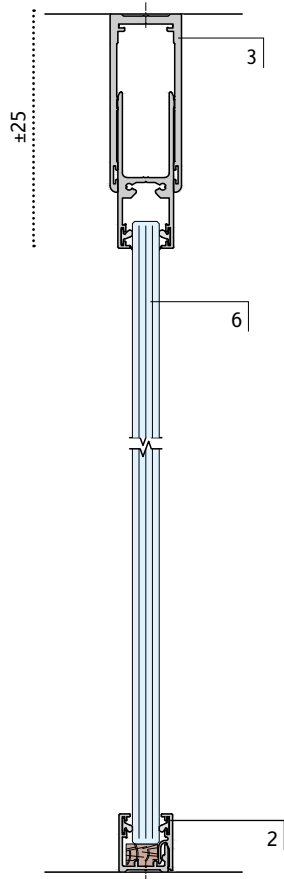
Further information on door integration can be found on page 29.



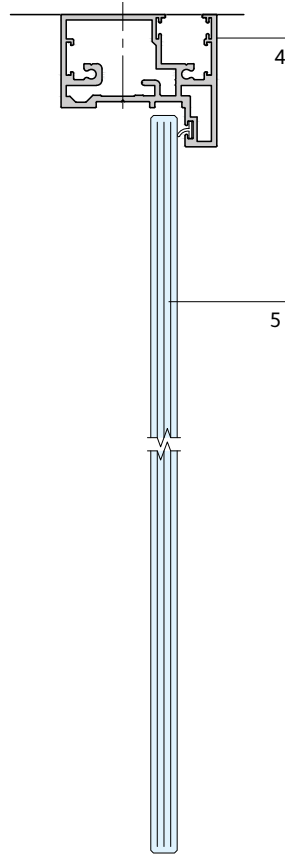
Head and base track



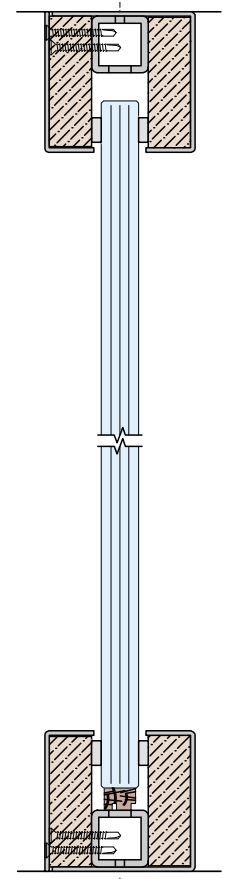
Head and base track
± 25mm deflection



Full height glass door



Head and base track
with 30/30 & 60/60
fire rating



- 1) Two part single glazed head channel to suit 10–12mm glass
- 2) Two-part single glazed base channel to suit 10–12mm glass
- 3) Two part single glazed deflection head channel providing ±25mm deflection to suit 10–12mm glass
- 4) Slimline door frame
- 5) Hinged or pivoted glass door
- 6) Glass

A full range of System 8000 SG components can be found on page 34.

Performance Summary

	Deflection	Acoustic Performance	Fire Performance	Structural Performance
System 8000 SG		up to 37dB	up to 60/60	up to 'severe' duty

SAS International are able to offer fire performance partitioning up to FD 60/60 (60 minute integrity and 60 minute insulation). A range of construction materials and builds can provide different fire performance levels, including 30/0, 30/30, 60/0, 60/30 and 60/60. The information and sections shown within this brochure are indicative of standard non-performance systems and all glass measurements are nominal. A further range of sections manufactured from timber and steel is available, depending on performance requirements. For further information, please contact a member of the technical team.

System 8000 SG Integration

System 8000 has been designed to integrate with SAS Metal Ceiling Systems and plasterboard applications including drywall and MF ceilings.

Metal Ceiling Integration

The integration of metal ceilings is enhanced by a wide selection of head tracks that provide varying degrees of deflection to suit specification requirements. Head tracks are designed to ensure no damage to the ceiling tiles and grid occurs. This prevents long-term dilapidation and refurbishment costs to clients and tenants.

Plasterboard / MF Ceiling Integration

System 8000 offers different options for plasterboard ceiling integration. A recessed head track provides a minimalistic design detail and with a tapered edge, provides a flush finish with plasterboard.

Drywall Integration

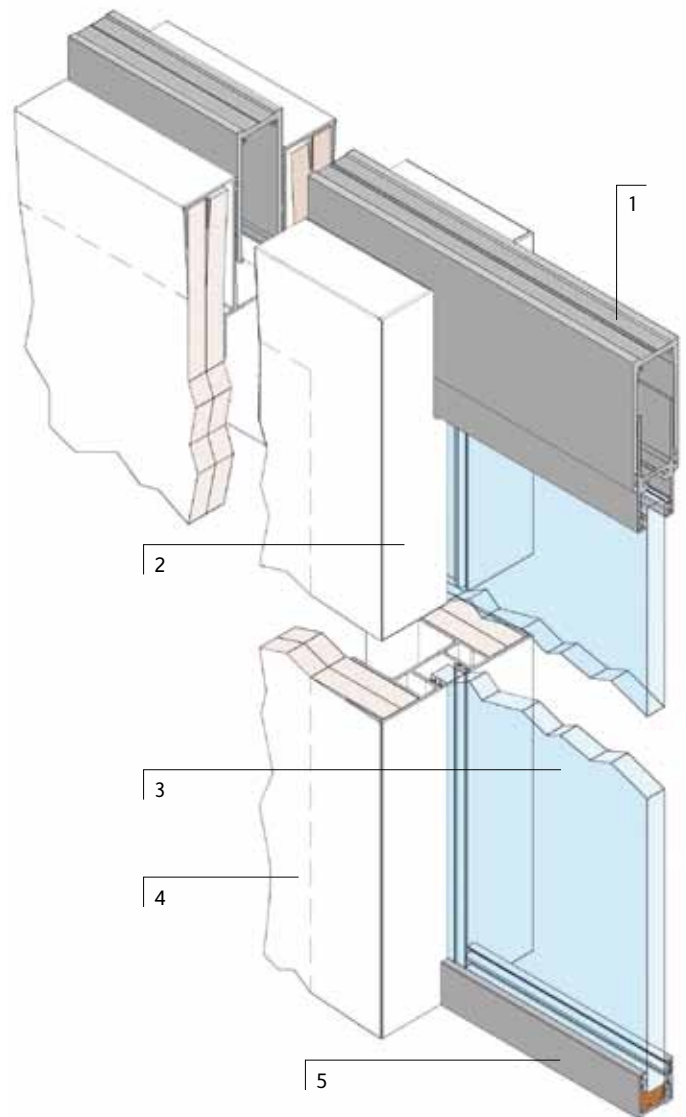
A key feature to System 8000 is the seamless integration from glass to solid, where the glass is recessed into drywall and SAS Drywall + to allow for innovative design layouts.

System 8000 SG Deflection

In most new building projects dead and live loads can cause significant movement in some long-span floor systems.

The single glazed system is designed to allow for a range of deflection criteria, offering a $\pm 15\text{mm}$ deflection using a single-part head track or $\pm 25\text{mm}$ using a two-part head track. The system can also be designed to provide greater levels of deflection where required.

System 8000 SG deflection detail incorporates a two part deflection head designed around an outer and inner deflection channel.



- 1) Two part single glazed deflection head channel with $\pm 25\text{mm}$ deflection to suit 10 and 12mm glass
- 2) Glass and Drywall adaptor post
- 3) Glass
- 4) Drywall / SAS Drywall+
- 5) Base track for single glazed to suit 10 and 12mm glass





system 8000 NG

58mm Relocatable Double Glazed Partitioning System

system 8000 NG overview

System Description

System 8000 NG is a 58mm double glazed partitioning system that can incorporate various thicknesses and glass types to meet specification criteria.

System 8000 NG offers an aesthetically modern design, either as full glass partitioning system or integrated with drywall, to provide a mixture of drywall and glass.

System Benefits

- Acoustic performance options up to 45dB
- Fire performance options up to 60/60 (integrity and insulation)
- Choice of glass joints including our revolutionary C-Joint
- Deflection head allowing for ± 25 mm movement and can also be specified for greater deflection
- A full range of manifestation options
- Overall width of head and base track 58mm
- Provides a seamless integration into drywall, to create a part glazed, part drywall partitioning system
- Integrates with SAS Metal Ceiling Systems
- Fully relocatable
- Offers a variety of head and base tracks to meet specification demands

Finish

System 8000 is finished with a polyester powder coating. Standard colours include RAL 9010 and RAL 9006, but can also be specified in over 200 RAL Colours.

Glass Options

A range of glass in nominal thicknesses, from 10mm to 12mm, is available including:

- Toughened
- Laminated
- Toughened and laminated
- Fire rated
- Acoustic
- Electric privacy glass

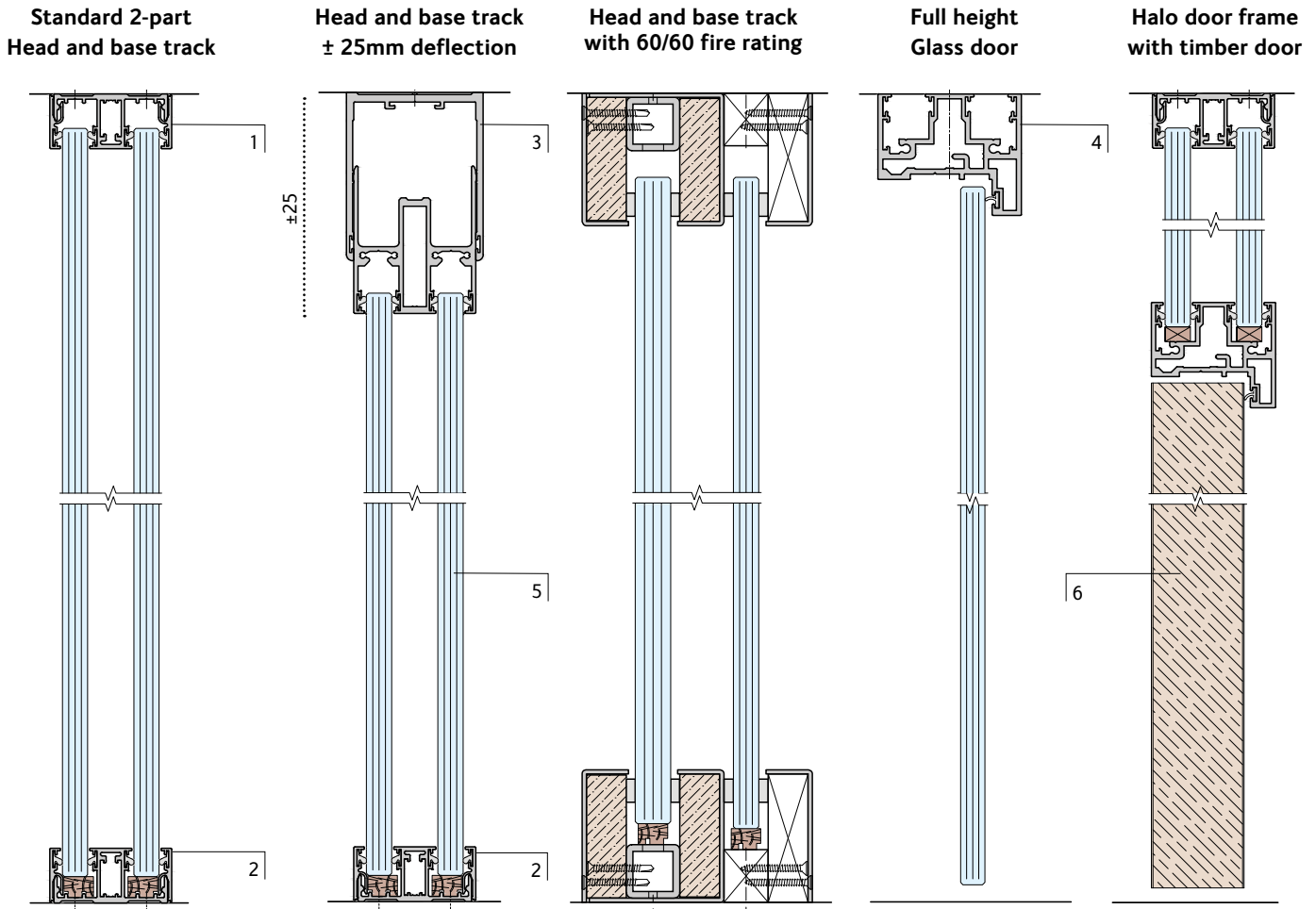
Door Integration

Our 58mm Double Glazed system provides a range of standard and full height door options including:

- Frameless glass doors
- Framed glass doors
- Sliding glass doors
- Flush glazed doors
- Wood flush doors

Further information on door integration can be found on page 29.





- 1) Two part 58mm double glazed head channel to suit 10–12mm glass
- 2) Two-part 58mm double glazed base channel to suit 10–12mm glass
- 3) Two part deflection head channel with ± 25 mm deflection suit 10–12mm glass
- 4) Slimline door frame
- 5) Glass
- 6) Timber door

A full range of System 8000 NG components can be found on page 38.

Performance Summary

	Deflection	Acoustic Performance	Fire Performance	Structural Performance
System 8000 NG		up to 45dB	up to 60/60	up to 'severe' duty

SAS International are able to offer fire performance partitioning up to FD 60/60 (60 minute integrity and 60 minute insulation). A range of construction materials and builds can provide different fire performance levels, including 30/0, 30/30, 60/0, 60/30 and 60/60. The information and sections shown within this brochure are indicative of standard non-performance systems and all glass measurements are nominal. A further range of sections manufactured from timber and steel is available, depending on performance requirements. For further information, please contact a member of the technical team.

System 8000 NG Integration

System 8000 has been designed to integrate with SAS Metal Ceiling Systems and plasterboard applications including drywall and MF ceilings.

Metal Ceiling Integration

Integration to metal ceilings is enhanced by a wide selection of head tracks that provide varying degrees of deflection to suit specification requirements. Head tracks are designed to ensure no damage to the ceiling tiles and grid occurs. This reduces the long-term dilapidation and refurbishment costs to clients and tenants.

Plasterboard / MF Ceiling Integration

System 8000 offers different options for plasterboard ceiling integration. A recessed head track provides a minimalistic design detail and with a tapered edge, provides a flush finish with plasterboard.

Drywall Integration

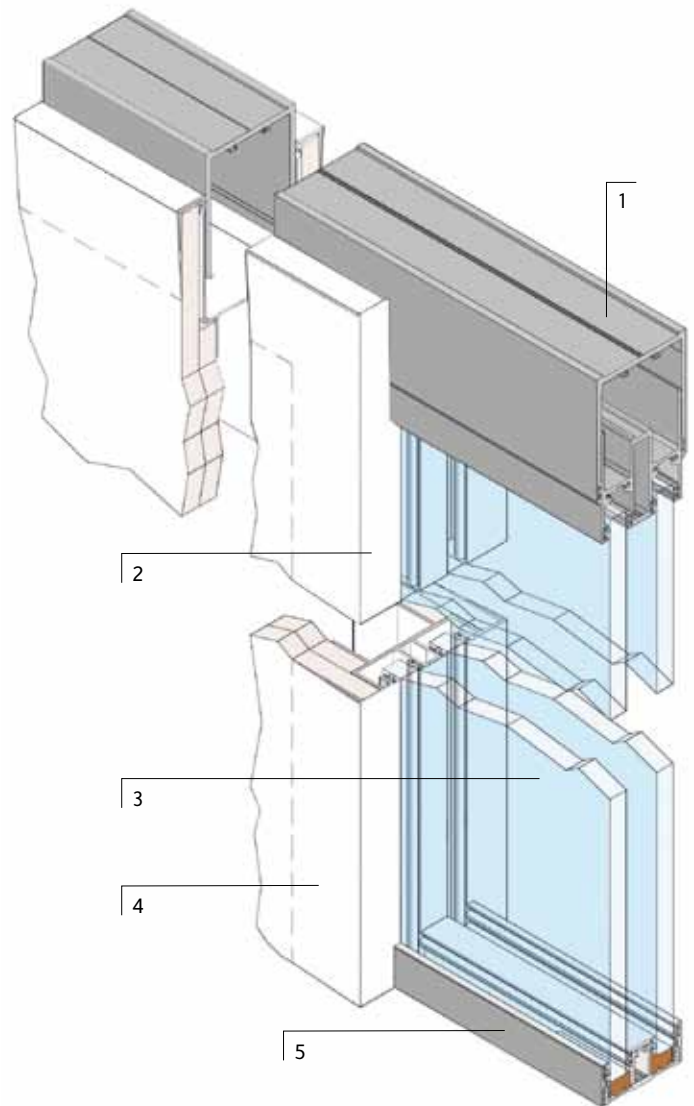
A key feature to System 8000 is the seamless integration from glass to solid, where the glass is fixed and recessed into drywall and SAS Drywall + to allow for innovative design layouts.

System 8000 NG Ceiling Deflection

In most new building projects dead and live loads can cause significant movement in some long-span floor systems.

The system is designed to allow for a range of deflection criteria, offering a $\pm 15\text{mm}$ deflection using a single-part head track or $\pm 25\text{mm}$ using a two-part head track. The system can also be designed to provide greater levels of deflection where required.

System 8000 NG deflection detail incorporates a two part deflection head designed around an outer and inner deflection channel.



- 1) Two-part 58mm Double Glazed deflection head channel with $\pm 25\text{mm}$ deflection to suit 10 and 12mm glass
- 2) Glass and drywall adaptor post
- 3) Glass
- 4) Drywall / SAS Drywall+
- 5) Base track for 58mm Double Glazed to suit 10 and 12mm glass





system 8000 DG

105mm Relocatable Double Glazed Partitioning System

system 8000 DG overview

System Description

System 8000 DG is a 105mm double glazed partitioning system that can incorporate differing thicknesses and glass types to meet project criteria.

System 8000 DG offers an aesthetically modern design, either as full glass partitioning system or integrated with drywall, to provide a mixture of drywall and glass.

System Benefits

- Acoustic performance options up to 47dB
- Fire performance options up to FD60/60 (integrity and insulation)
- Choice of glass joints including our revolutionary C-Joint
- Overall width of head and base track 105mm
- Provides a seamless integration into drywall, to create a part glazed, part drywall partitioning system
- Integrates with SAS Metal Ceiling Systems
- Fully relocatable
- Offers a variety of head and base tracks to meet specification demands
- Integral blinds and manifestation options available

Finish

System 8000 is finished with a polyester powder coating. Standard colours include RAL 9010 and RAL 9001, but can also be specified in over 200 RAL Colours.

Glass Options

A range of glass types from 10mm and 22mm is available, including:

- Toughened
- Laminated
- Toughened and laminated
- Fire Rated
- Acoustic
- Electric privacy glass

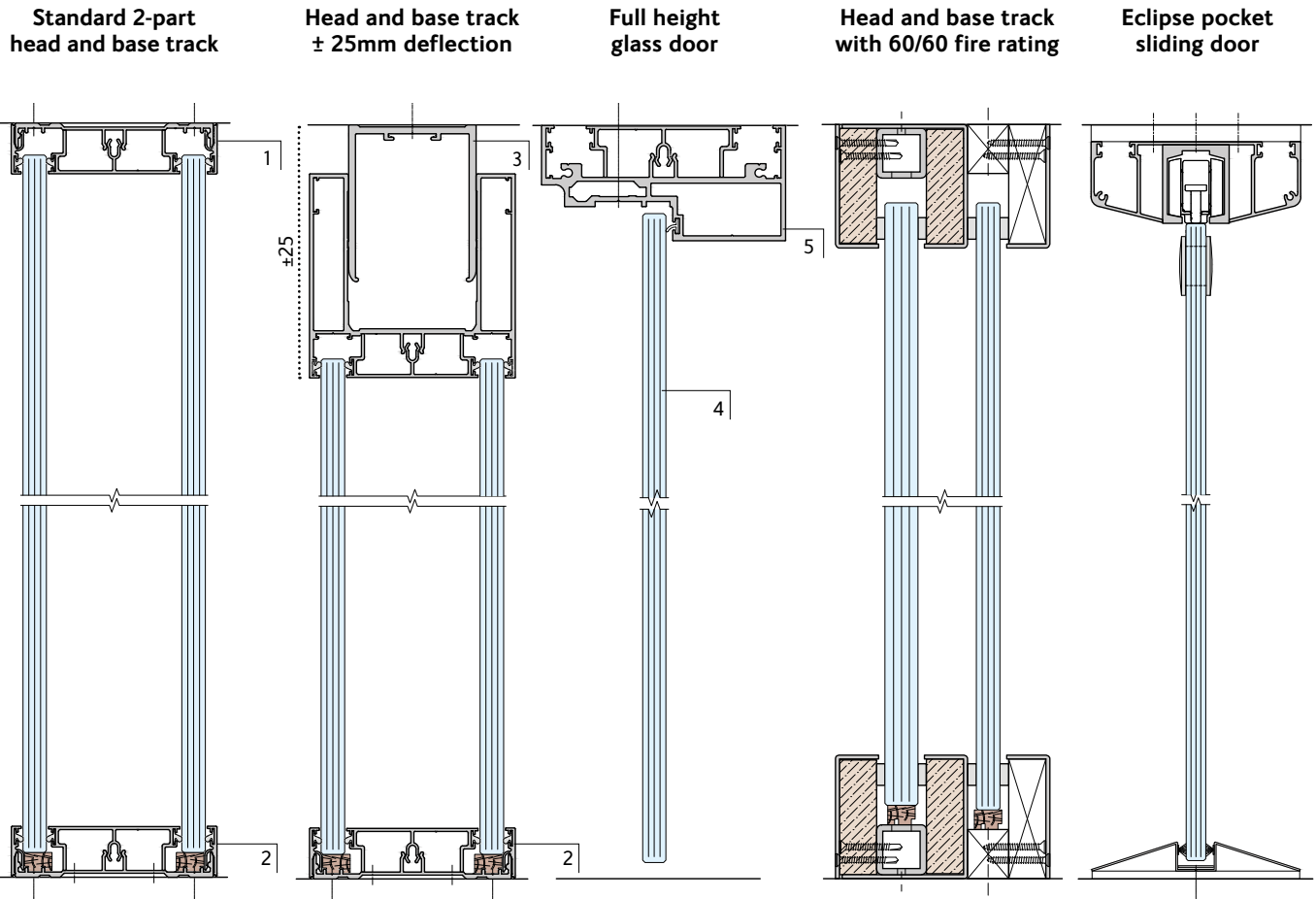
Door Integration

Our Double Glazed system provides a range of standard and full height door options, including:

- Frameless glass doors
- Framed glass doors
- Sliding glass doors
- Flush glazed doors
- Wood flush doors

Further information on door integration can be found on page 29.





- 1) Two-part 105mm double glazed head channel to suit 10–22mm glass
- 2) Two-part 105mm double glazed base channel to suit 10–22mm glass
- 3) Two part deflection head channel providing ± 25mm deflection to suit 10–22mm glass
- 4) Hinged or pivoted glass door
- 5) Slimline door frame

A full range of System 8000 Double Glazed components can be found on page 40.

Performance Summary

	Deflection	Acoustic Performance	Fire Performance	Structural Performance
System 8000 DG	<p>up to ±25</p>	up to 47dB	up to 60/60	up to 'severe' duty

SAS International are able to offer fire performance partitioning up to FD 60/60 (60 minute integrity and 60 minute insulation). A range of construction materials and builds can provide different fire performance levels, including 30/0, 30/30, 60/0, 60/30 and 60/60. The information and sections shown within this brochure are indicative of standard non-performance systems and all glass measurements are nominal. A further range of sections manufactured from timber and steel is available, depending on performance requirements. For further information, please contact a member of the technical team.

System 8000 DG Integration

System 8000 has been designed to integrate with SAS Metal Ceiling Systems and plasterboard applications, including drywall and MF ceilings.

Metal Ceiling Integration

The integration to metal ceilings is enhanced by a wide selection of head tracks that provide varying degrees of deflection to suit specification requirements. Head tracks are designed to ensure no damage to the ceiling tiles and grid occurs. This prevents long-term dilapidation and refurbishment costs to clients and tenants.

Plasterboard / MF Ceiling Integration

System 8000 offers different options for plasterboard ceiling integration. A recessed head track provides a minimalistic design detail and with a tapered edge, provides a flush finish with plasterboard.

Drywall Integration

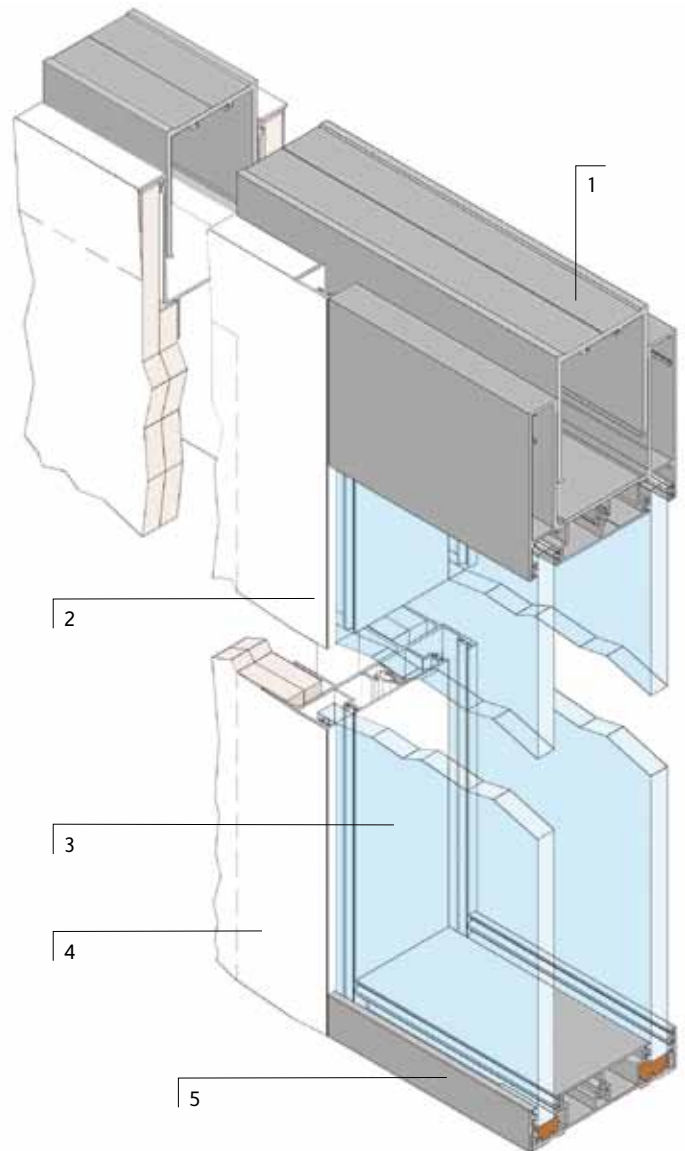
A key feature to System 8000 is the seamless integration from glass to solid, where the glass is fixed and recessed into drywall and SAS Drywall + to allow for innovative design layouts.

System 8000 DG Ceiling Deflection

In most new building projects dead and live loads can cause significant movement in some long-span floor systems.

The Double Glazed system is designed to allow for a range of deflection criteria, offering $\pm 15\text{mm}$ deflection using a single-part head track or $\pm 25\text{mm}$ using a two-part head track. The system can also be designed to provide greater levels of deflection where required.

System 8000 Double Glazed deflection detail incorporates a two-part deflection head designed around an outer and inner deflection channel.



- 1) Two-part Double Glazed deflection head channel with $\pm 25\text{mm}$ deflection to suit 10 and 22mm glass
- 2) Glass and drywall adaptor post
- 3) Glass
- 4) Drywall / SAS Drywall+
- 5) Base track for Double Glazed to suit 10 and 22mm glass





glazing joints

Innovative C-Joint between glass

Silicone

Traditionally fully glazed systems have used silicone for the glass jointing method. Silicone provides a clean aesthetic finish to glass joints but requires a clean site, to avoid dust settling during the 24 hour curing period. Post installation, to remove a glass pane, to maintain blinds or to relocate the system, any silicone needs to be cut away and time allowed to clean the glass edge.

C-Joint (Concealed Dry Glass Joint)

The innovative C-Joint is a near invisible dry joint that is sandwiched neatly between two profiled glass panels. As a solid extrusion it provides a consistent 1.5mm compression joint between glass modules, to create the appearance of butt-jointed glass, without the use of silicone. The C-Joint can also be used horizontally and vertically.

Saving time on site, it is installed progressively at the same time as the glass. The additional benefit over silicone is that the joints can be utilised with double glazed installations.

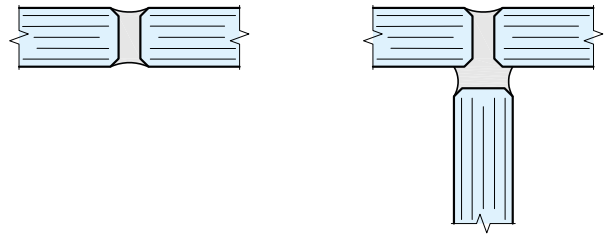
Meeting the requirements for strength and stability, the C-Joint ensures the visual demands of a traditional glass partitioning joint are met, while also fulfilling the demands of a fully relocatable partitioning system. The flexibility of this dry joint allows future office changes to be completed quickly and easily without the need to cut away silicone.

H-Joint (Dry Joint, Clear PET-G)

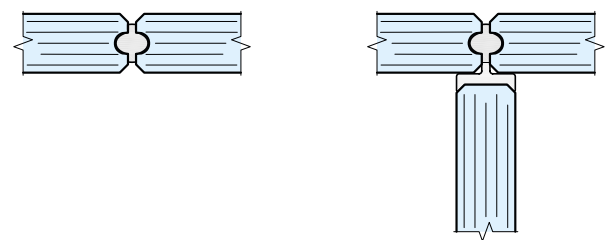
The crystal clear H-Joint is a low profile dry joint which can be used instead of traditional silicone.

The PET-G joint is recyclable and offers the lowest carbon footprint, in comparison to other plastics. For fire performance systems, up to 60/60 at 3m high, an opaque joint is utilised.

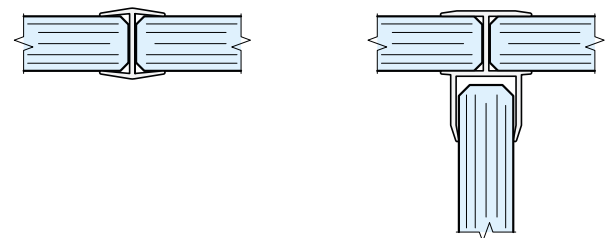
Silicone

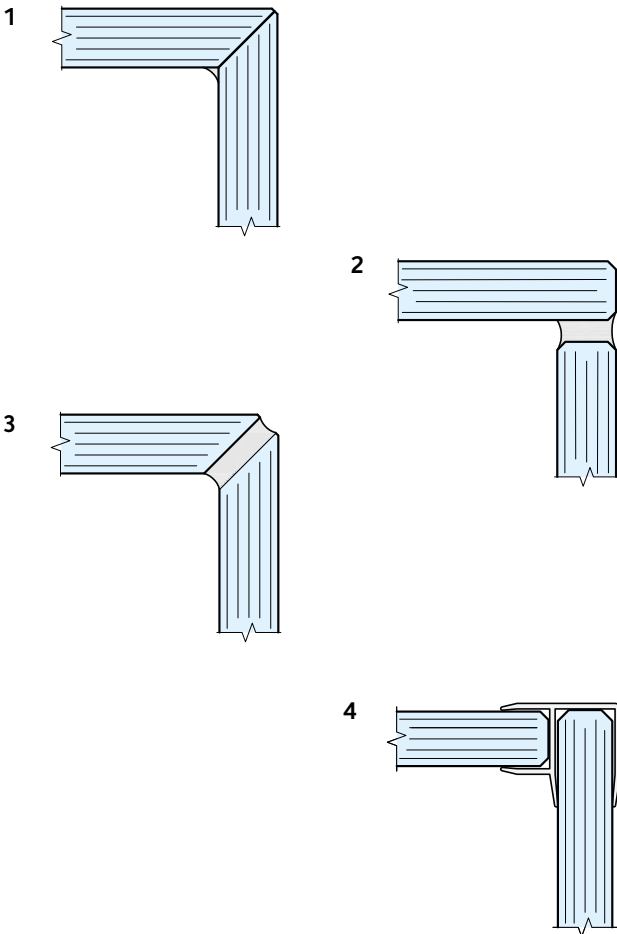


C-Joint (Concealed Dry Glass Joint)



H-Joint (Dry Joint, Clear PET-G)





Corner Joints

A number of different options are available for jointing 90° corners:

1. Minimal joint – mitred glass is joined, using a thin bead of silicone to give the appearance of butt-jointed glass
2. Silicone – glass can be jointed at 90°, to provide a clean end of line finish
3. Silicone – a bead of silicone can be applied between mitred glass
4. H-Joint Corner section – a low profile clear dry joint which is designed to work with the H-Joint

We would recommend that a silicone or taped joint is used where corner joints are less than or greater than 90°. For acute angles of less than 70° we would recommend that the glass edges are mitred.

Glass Installation

To provide the system’s high standards, our own dedicated glass team install all glass for System 8000.

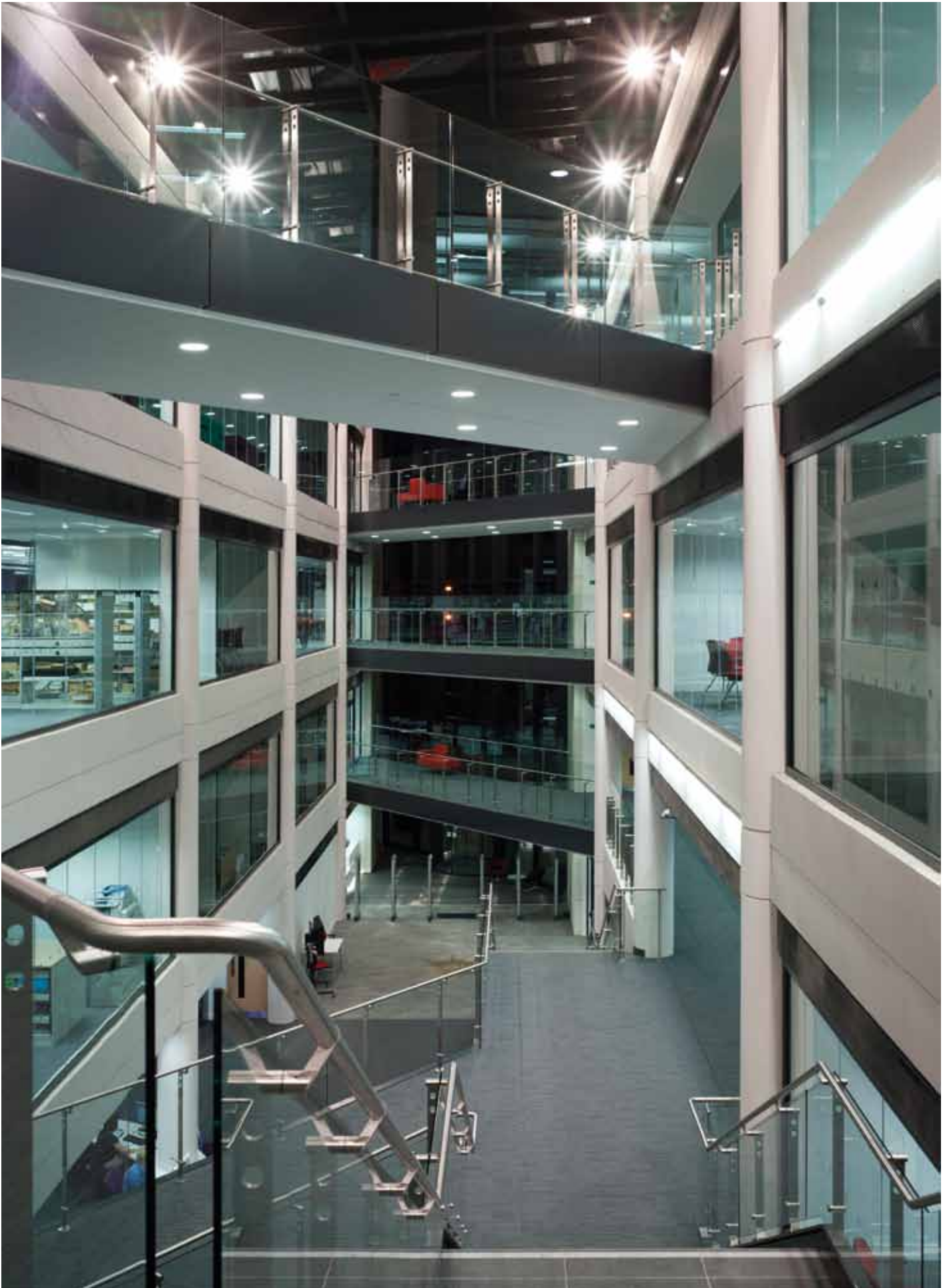
Once System 8000 aluminium head and base tracks are fitted on-site, a glass surveyor visits the project and ensures accurate measurements are taken for both glass and any integral blinds.

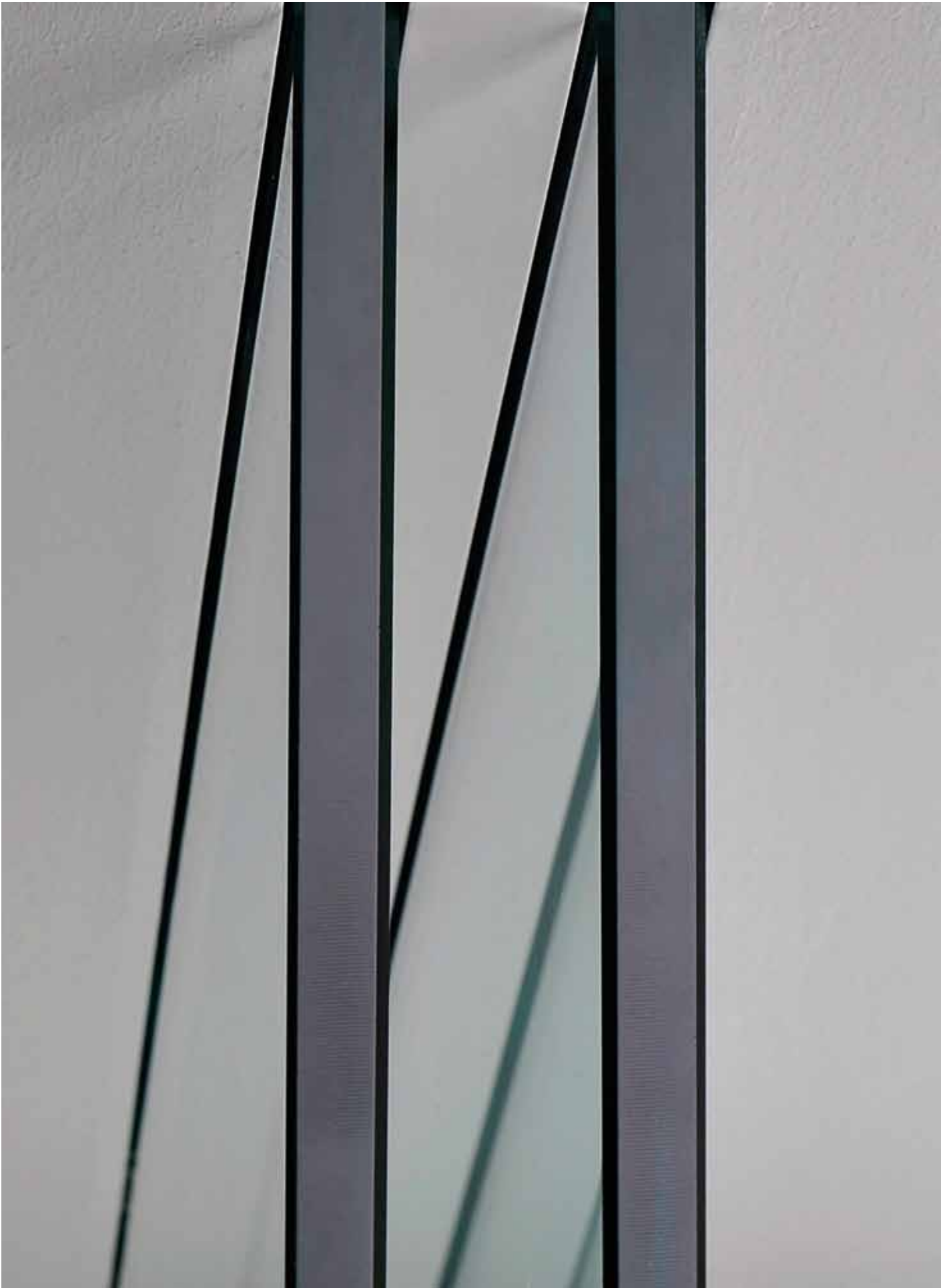
Standard glass (toughened / laminated) is installed within 5 working days. Fire glass / specialist glass can take up to 4 weeks, subject to specification.

The glass team are also able to offer a range of bespoke glass services, to meet project requirements.











door integration

Saudi Armaco, Centre Point, London

door integration

System 8000 offers specifiers a wide range of integrating door options to meet varying aesthetic and specification criteria.

A range of aluminium, steel and timber door frames is available including a reduced height aluminium door channel. For further details please refer to our technical manual or contact a member of our technical team.

A comprehensive range of framed and frameless single and double leaf doors is available to integrate with System 8000 including:

Framed Glass Doors

Available in a range of aluminium and natural wood door frames, manufactured in full height or with glass over panels. Single and double leaf door frames are available to suit Single Glazed, 58mm Double Glazed and 105mm Double Glazed installations and are available as:

- Hinged – supplied with patch hinges
- Pivoted – supplied with offset pivots

Performance glass doors, up to FD60/60 (60 minutes integrity and insulation), can be supplied either full height or with overpanels.

Drop door seals are available to enhance acoustic performance. The innovative new drop door seal on a glass partitioning door will significantly increase sound attenuation from 23dB to 32dB, resulting in a significant reduction of unwanted noise.

Frameless Glass Doors

System 8000 can also be specified with frameless glass doors, either single or double leaf doors are available to suit Single Glazed, 58mm Double Glazed and 105mm Double Glazed installations and can be supplied as:

- Hinged – supplied with patch hinges
- Pivoted – supplied with pivots

Sliding Glass Doors

A range of sliding glass doors is available and can be installed either supported on surface mounted ironmongery or by top track supported rollers. For double glazed installations, the sliding glass door frame enables the door to open within the glass cavity.

Flush Double Glazed Doors

Complementing the system, flush double glazed doors are manufactured by SAS International using a sandwich construction of 6mm glass either side of an aluminium frame, providing a finished overall thickness of 45mm.

Flush glazed doors are hung on offset pivots and floor springs, and can also be fitted with pull handles, locks and latches.





Wood Flush Doors

SAS International offers a range of architectural specification grade doors of up to 3000 x 1200mm and can be specified fully finished with a 3-coat UV stable clear lacquer, which is applied during manufacture. This enhances the natural features of the veneer.

SAS also offers a wide range of door facings, including FSC / PEFC approved natural wood veneers, CPLs (Continuous Pressure Laminate), paint grade veneers and high pressure laminates.

SAS wood flush doors with reduced head door frames can offer a further design aesthetic. Rebated wood flush doors are also available, which allow the door face to sit flush with the glass.

Door Specification

- Incorporation of standard vision panels to comply with Approved Document M
- Fitting automatic threshold seals
- Pre-mortising for locks and hinges
- Full compliance with DDA regulations
- Range of speciality veneer species and cuts
- Range of veneers with inlays
- Range of laminate finishes, including Formica

Fire Resistance for Wood Flush Doors

Doors are available as non fire rated or 30 minutes fire rated.

Acoustic Performance for Wood Flush Doors

Acoustic attenuation can be achieved to meet the requirements of Approved Document E of the Building Regulations 2003. A sound reduction index of up to Rw 33dB can be achieved.

For further information, please request a copy of the SAS doors brochure or download it from www.sasint.co.uk/doors

Manifestations

DDA (Disability Discrimination Act) / Approved Document M sets out minimum requirements for glass manifestations.

Manifestations must be clearly defined at two levels 850–1000mm and 1400mm–1600mm. They must contrast with the background in all lighting conditions.

The manifestations can take a number of forms; a single logo 150mm high repeated on each glass panel or 50mm high decorative bands. The manifestations are not limited to the single band areas and can also be located anywhere on the partitioning, as long as the two areas are included.

Manifestations are typically installed on-site using a vinyl graphic. These specialist vinyl graphic products generically known as 'Manifestation Graphics' offer a flexible low cost alternative to the traditional acid etching or sand blasting of glass.

Manifestations can be installed on the face or the reverse of the glass. It is recommended that in some sectors, including education, the vinyl is installed on the reverse face / inside face of double glazing to ensure that the vinyl is protected against any accidental damage. For installations where a duty of care is evident, or environments where the manifestation may change, it is recommended to install the graphic on the outside face.

Blinds

In lieu of manifestations and where specified, integral venetian blinds can be fitted within the double glazed system.

Blinds can offer high levels of privacy to meeting rooms and are either controlled by remote control or integrated into the building management system.

Privacy Glass

Privacy glass can allow total privacy or unobstructed viewing. In the scattering (opaque) state, privacy glass diffuses direct sunlight and eliminates 99% of the UV light transmission rays that can fade carpets and furniture. With the flick of a switch, the glass instantly changes from clear to obscure.



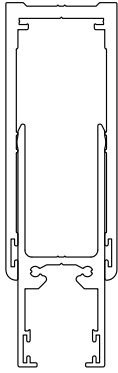
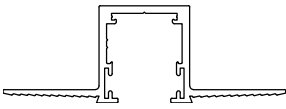
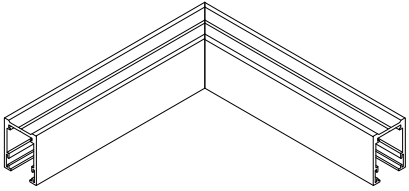
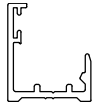

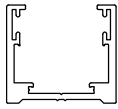
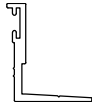
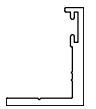


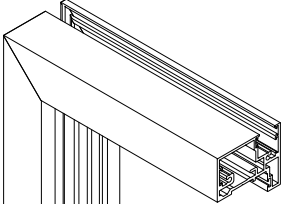
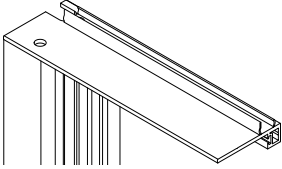
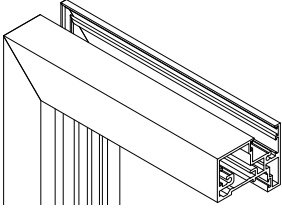
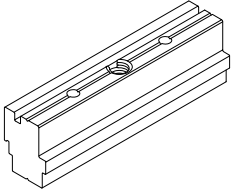
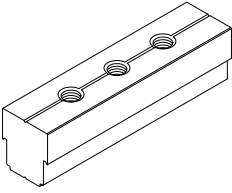

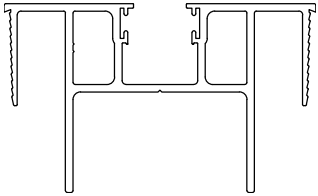
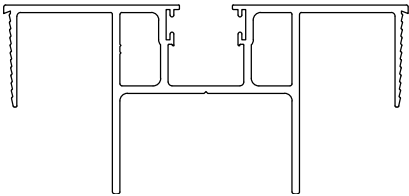
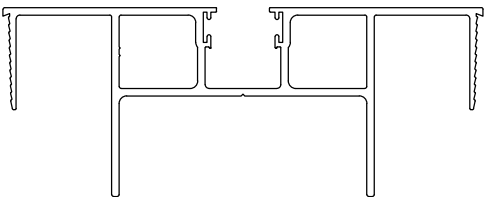
system 8000 section components

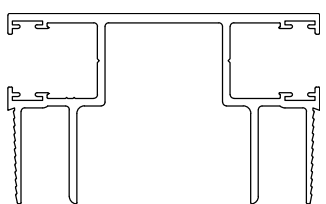
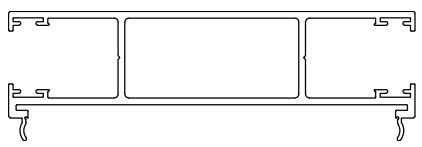
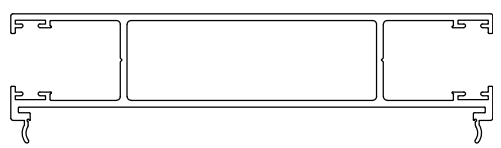
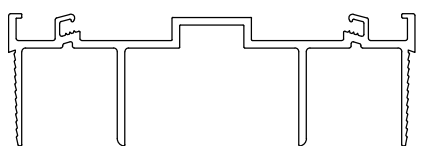
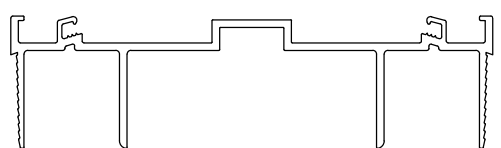
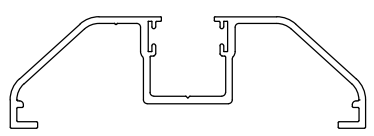
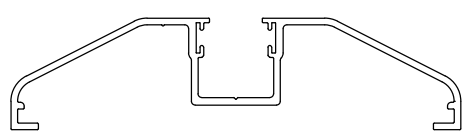
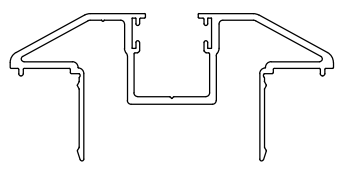
Double Glazed, 25mm Deflection Head

system 8000 SG components

Profile	Product Ref / Description	Item No.
SAS System 8000 SG		
Head Track and Wall Abutment Details		
	Single Glazing Chair (10–12mm Glass)	FG8109
	Glazing Bead	FG8001
	Single Glazing Channel (15–17mm Glass)	FG8111
	32mm Head Track (10–12mm Glass)	FG8101
	40mm Head Track (10–12mm Glass)	FG8102
	50mm ±15mm Deflection Head Track (10–12mm Glass)	FG8103
	50mm ±15mm Deflection Head Track (15–17mm Glass)	FG8104

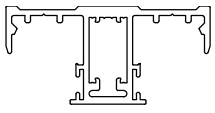

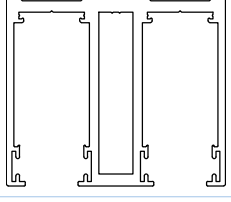
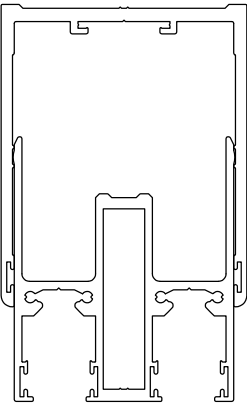
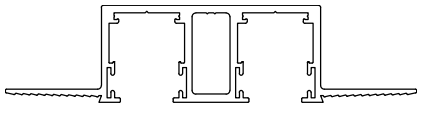
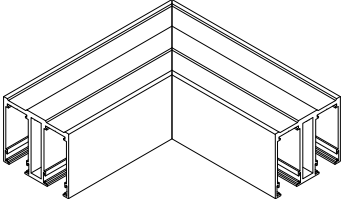
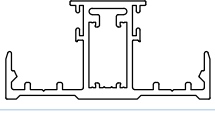
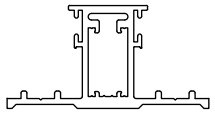
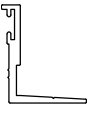

Profile	Product Ref / Description	Item No.
SAS System 8000 SG		
Head Track and Wall Abutment Details (cont.)		
	±25mm Deflection Head Outer Channel / 80mm Head Track (19–22mm Glass)	FG8105
	±25mm Deflection Head Inner Channel	FG8106
	Single Glazed Reveal Channel for MF Ceilings (10–12mm Glass)	FG8119
	A range of factory fabricated head tracks is available in 90°, 135°, 3 way junctions and bespoke angles. Please contact our technical department for further details.	Various
Base Track Details		
	Single Glazing Chair (10–12mm Glass)	FG8109
	Glazing Bead	FG8001
	Single Glazing Channel (15–17mm Glass)	FG8111
	Floor Angle	FG8112
	Reversed Floor Angle	FG8113

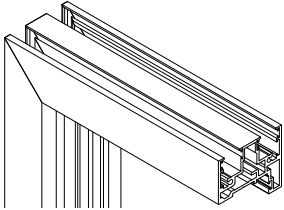
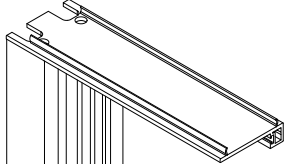
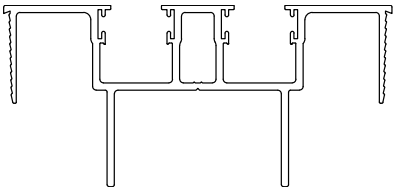
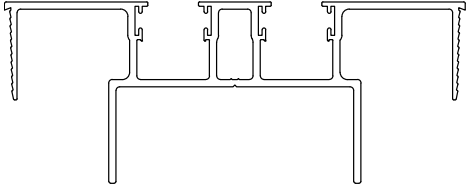
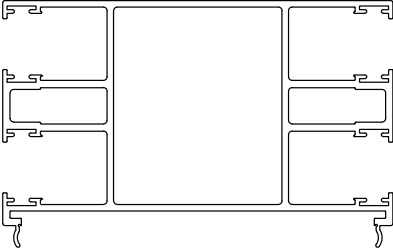
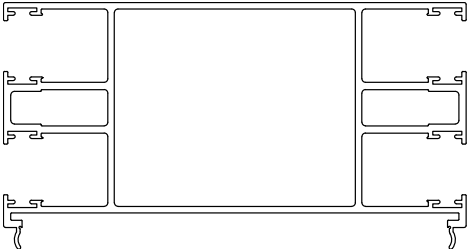
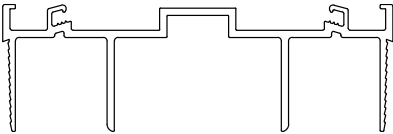
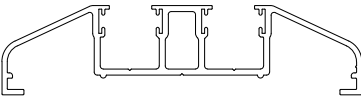
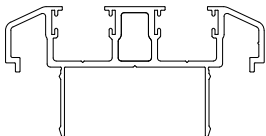
Profile	Product Ref / Description	Item No.
SAS System 8000 SG		
Door Frame Details		
	Single Glazed Slimline Door Frame (10–12mm Glass)	FG8116
	Single Glazed Slimline Door Frame with Reduced Head	FG8116R
	Single Glazed Slimline Door Frame (15–17mm Glass)	FG8117
	Pivot Block Pack to Suit FG8101, FG8102, FG8103, FG81606 and FG8119	119989
	Pivot Block Pack	119994
	Single Frameless Glass Door Infill	FG8114S
	Double Frameless Glass Door Infill	FG8114D
Drywall Integration Details		
	Single Glazed Adaptor for 75mm Drywall	FG8120
	Single Glazed Adaptor for 100mm Drywall	FG8121
	Single Glazed Adaptor for 120mm Drywall	FG8122

Profile	Product Ref / Description	Item No.
SAS System 8000 SG		
Drywall Integration Details (cont.)		
	Single Glazed Two Way Adaptor for 75mm Drywall	FG8123
	Single Glazed Two Way Adaptor for 100mm Drywall	FG8124
	Single Glazed Two Way Adaptor for 120mm Drywall	FG8125
	100mm Clip-in Drywall Section	FG8005
	120mm Clip-in Drywall Section	FG8006
	Single Glazed Adaptor Post for System 3000	PT2014
	Single Glazed Adaptor Post for System 4000	PT2020
	Single Glazed Adaptor Post for System 7000	SYA24

For a range of available milled options, please contact our technical department.

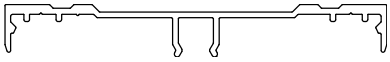

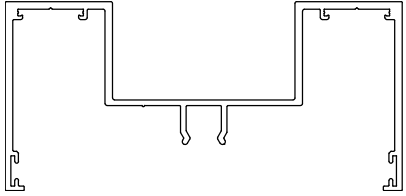
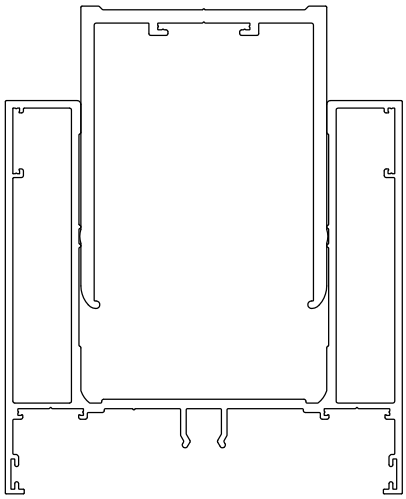
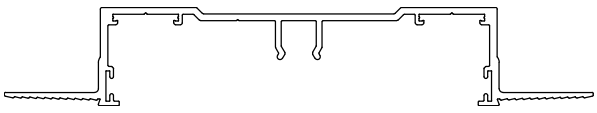
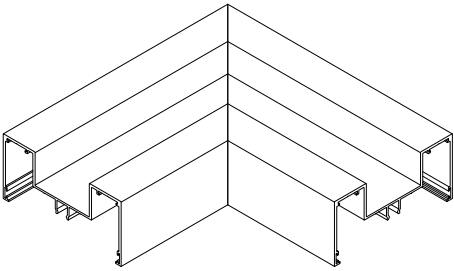
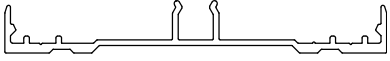

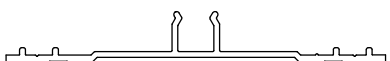
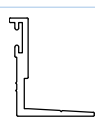
system 8000 NG components

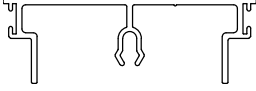
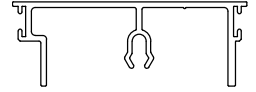
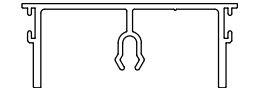
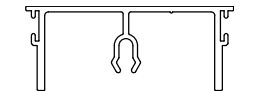
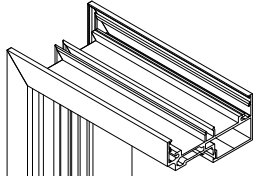
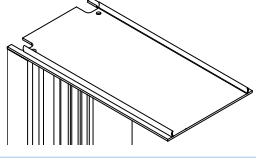
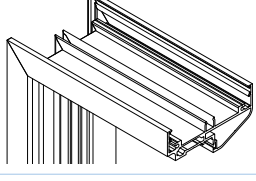
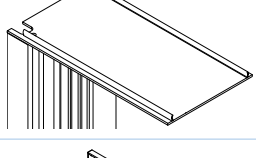
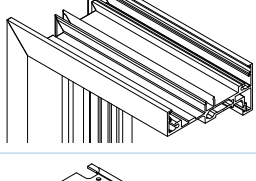
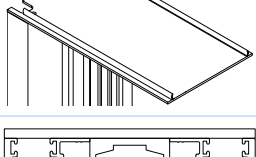
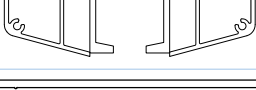
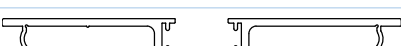
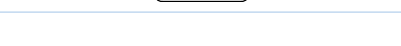
Profile	Product Ref / Description	Item No.
SAS System 8000 NG		
Head Track and Wall Abutment Details		
	58mm Double Glazing Chair (10–12mm Glass)	FG8204
	Glazing Bead	FG8001
	50mm ±15mm Deflection Head Track (10–12mm Glass)	FG8201
	±25mm Deflection Head Outer Channel	FG8202
	58mm ±25mm Deflection Head Inner Channel	FG8203
	58mm Double Glazed Reveal Channel for MF ceilings	FG8208
	A range of factory fabricated head tracks is available in 90°, 135°, 3 way junctions and bespoke angles. Please contact our technical department for further details.	Various
Base Track Details		
	58mm Double Glazing Chair (10–12mm Glass)	FG8204
	58mm Double Glazing Chair (10–12mm Glass) (for use with floor angles for varying floor applications)	FG8204M
	Floor Angle	FG8112
	Glazing Bead	FG8001

Profile	Product Ref / Description	Item No.
SAS System 8000 NG		
Door Frame Details		
	58mm Double Glazed Slimline Door Frame	FG8205
	58mm Double Glazed Slimline Door Frame with Reduced Head	FG8205R
Drywall Integration Details		
	58mm Double Glazed Adaptor for 100mm Drywall	FG8209
	58mm Double Glazed Adaptor for 120mm drywall	FG8210
	58mm Double Glazed Two Way Adaptor 100mm Drywall	FG8211
	58mm Double Glazed Two Way Adaptor for 120mm Drywall	FG8212
	100mm Clip-in Dry Wall Section	FG8005
	System 8000 to System 4000 Adaptor Post	PT3020
	System 8000 to System 7000 Adaptor Post	SYA224

For a range of available milled options, please contact our technical department.

system 8000 DG components





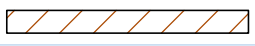

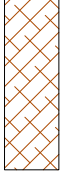
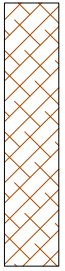
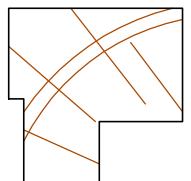
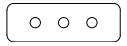
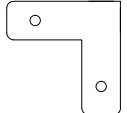
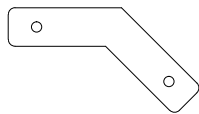

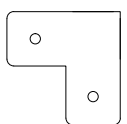
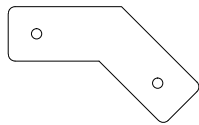
Profile	Product Ref / Description	Item No.
SAS System 8000 DG		
Head Track and Wall Abutment Details		
	105mm Double Glazing Chair (10–12mm Glass)	FG8300
	Glazing Bead	FG8001
	50mm ±15mm Deflection Head Track (10–12mm Glass)	FG8301
	±25mm Deflection Head Inner Channel (10–22mm Glass)	DW1004
	±25mm Deflection Head Outer Channel (10–22mm Glass)	FG8306
	105mm Double Glazed Reveal Channel (10–22mm Glass)	FG8313
	A range of factory fabricated head tracks is available in 90°, 135°, 3 way junctions and bespoke angles. Please contact our technical department for further details.	Various
Base Track Details		
	105mm Double Glazing Chair (10–22mm Glass)	FG8300
	Glazing Bead	FG8001
	Fabricated 105mm Double Glazing Chair (10–22mm Glass) for use with floor angles for varying floor applications.	FG8300M
	Floor Angle	FG8112

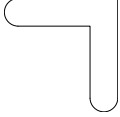
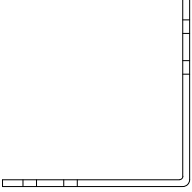
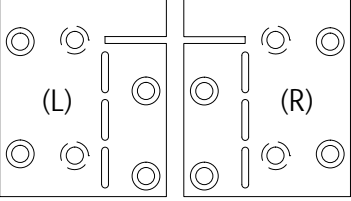
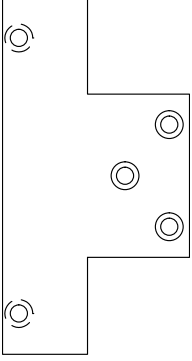
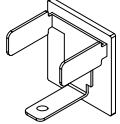
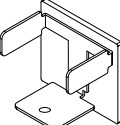




Profile	Product Ref / Description	Item No.
SAS System 8000 DG		
Infill Section Details		
	67mm Infill (for 10–12mm and 10–12mm Glass)	FG8302
	62mm Infill (for 10–12mm and 15–17mm Glass)	FG8303
	57mm Infill (for 15–17mm and 15–17mm Glass)	FG8304
	55mm Infill (for 15–17mm and 19–22mm Glass)	FG8305
Door Frame Details		
	Square Door Frame	FG8307
	Double Glazed Slimline Door Frame with Reduced Head	FG8307R
	Chamfered Door Frame	FG8308
	Chamfered Slimline Door Frame with Reduced Head	FG8308R
	Door Frame (12mm Door Stop)	FG8309
	Door Frame (12mm Door Stop) with Reduced Head	FG8309R
	Eclipse Sliding Pocket Door Frame	–
	Flat Clip-in Section	FG8311
	Single Glazed Clip-in Adaptor	FG8312

system 8000 DG components

Profile	Product Ref / Description	Item No.
SAS System 8000 105mm DG		
Drywall Integration Details		
	105mm Double Glazed Adaptor for 100mm Drywall	FG8314
	105mm Double Glazed Adaptor for 120mm Drywall	FG8315
	120mm Clip-in Dry Wall Section	FG8006
	105mm Double Glazed Two Way Adaptor for 100mm Drywall	FG8316
	105mm Double Glazed Two Way Adaptor for 120mm Drywall	FG8317

For a range of available milled options, please contact our technical department.

Profile	Product Ref / Description	Item No.
SAS System 8000 Ancillaries		
	Glazing Channel Infill	FG8114
	Glass Seal	112217
	Glass Door Flipper Seal	116117
	Flipper Seal	32037
	27x3mm Plywood Door Frame Infill	116119
	Timber Packer	11637
	38x12mm Timber Door Frame Fixing Packer	FG8007
	58x12mm Timber Door Frame Fixing Packer	FG8008
	Timber Infill – use with FG8117	110440
	50 x 17mm Flat Splice Plate	110667
	50 x 17mm 90° Corner Splice Plate	110657
	50 x 17mm 135° Corner Splice Plate	110668
	50 x 24mm Flat Splice Plate	110665
	50 x 24mm 90° Corner Cleat	110669
	50 x 24mm 135° Corner Splice Plate	110655

Profile	Product Ref / Description	Item No.
SAS System 8000 Ancillaries		
	50 x 50mm 90° Corner Cleat	35768
	Door Frame Ceiling Fixing Cleat	35772
	Slimline Door Frame Fixing Plate (right hand)	116113
	Slimline Door Frame Fixing Plate (left hand)	116111
	Double Glazed Door Frame Fixing Plate	116114
	Steel End Cap	FG8009
	Steel End Cap	FG8010
	Glass Door Strike Plate	116294
	Glass Door Shallow Back Box	118868
	Strike Plate	116120
	Shallow Back Box	116121
	Deep Back Box	116929

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