



SAS International Ltd

n55Plus

## System 7000

By SAS International Ltd

### Detailed description

Relocatable, non-loadbearing, steel stud and plasterboard or glazed system, offering acoustic and fire performance capabilities.

Nominal 85 mm wide footprint, based on a 1200 mm module, with virtually flush panel faces. Provides 30 minute fire resistance, and up to 51 Rw dB sound attenuation.

- Fire resistance of complete system: 30 minutes integrity only.
- Surface spread of flame: dependent on covering.
- Sound insulation: up to 51 Rw dB (solid panels).
- Galvanized steel stud framework faced with single layer of 12.5 mm gypsum plasterboard or fitted with clip-fit profiles to receive glazed panels.
- Glass doors or solid doors with wood veneer or paint grade finish.
- Range of joint and corner details.
- Solid panels can receive a wide range of wall coverings.
- Glazing: single offset or double glazed.
- Glass manifestation and integral (between glass) horizontal blinds can be provided.
- Cavities can be utilized for electrical or data communication services and infilled with insulation material to enhance acoustic performance.

### Product guidance - As Standard

Frame:

- Height: 4000 mm maximum.
- Consistent head channel depth to solid, glazed, and full height door, elevations.

Solid panels:

- Thickness: 85 mm.
- Module size: 1200 mm nominally.

Glass and glazed panels:

- All glass conforms to Building Regulations, Approved Document N (1991), Code of Practice BS 6206: 1981, BS 6262: 1982 and, where applicable, to BS 476-22: 1987.
- Module size: 1200 mm (nominal).

Doors:

- Set within metal door frame.
- Solid doors: 44 mm thick.
- Cellular doors: non-fire rated.

- Supplied pre-mitred and machined to accept standard hinge; biscuit joints at head for alignment of sections. Integral doorstop comes with PVC-U door seal/ cold smoke seal.
- Frames incorporate quality lift-off hinges with concealed frame plate, euro standard lock box, and feature door frame or patch fittings if applicable for glass doors.

## Options

### Fire performance:

- Maximum fire resistance of complete system: 30 minutes integrity only; consult SAS for options.
- Surface spread of flame: dependent on covering; consult SAS for options.

### Sound Insulation:

- Glazed panels: up to 45 Rw dB to BS EN ISO 140-3:1995 and rated in accordance with BS EN ISO 717/1:1997 (rating given under lab conditions); consult SAS for options.
- Solid panels: up to 51 Rw dB to BS EN ISO 140-3:1995 and rated in accordance with BS EN ISO 717/1:1997 (rating given under lab conditions); consult SAS for options.

### Partition height:

Height: variable to 4000 mm maximum; consult SAS for details.

### Partition abutments:

- Head: Optional recess within head section to receive blind head rail. Consult SAS for head details and deflection allowance.
- Floor: consult SAS for details.
- Wall/ Vertical structure: consult SAS for details.

### Junctions/ Corners:

Various; consult SAS for details.

### Exposed profiles:

Finish: polyester powder coated finish; consult SAS for finish/ colour options.

### Skirtings/ Sills:

Various; consult SAS for details.

### Solid panels:

Finish/ Colour: plasterboard surface to receive finishes detailed in sections elsewhere unless a pre-finish is specified; consult SAS for details.

### Doorsets:

- 44 mm cellular or solid.
- Glass doors; consult SAS for details.
- Door finishes: Range of natural wood and CPL laminate wood effect veneers, as well as paint grade finish; consult SAS for ranges available.
- Vision panels: consult SAS for options for apertures and glazing.
- Ironmongery: consult SAS for options.
- Overhead closers required for fire doors.

### Manifestation:

To Building Regulations, Approved Document N2. Acid etched glass or film, to client requirements; consult SAS for details

and recommendations.

Cable management and outlets:

Consult SAS for details.

Other requirements:

Cavities can be filled to achieve sound reduction targets; consult SAS.

### Product specification

#### Manufacturer

- Name: SAS International Ltd
- Web: [www.sasint.co.uk](http://www.sasint.co.uk)
- Email: [enquiries@sasint.co.uk](mailto:enquiries@sasint.co.uk)
- Tel: +44 (0)118 929 0900
- Fax: +44 (0)118 929 0901
- Address: 31 Suttons Business Park, London Road, Reading, Berkshire RG6 1AZ

Product reference                      System 7000

Fire performance                      [ \_\_\_\_\_ ]

Resistance of completed system to BS 476-22      Unrated  
30 minutes integrity  
As drawing \_\_\_\_

Surface spread of flame to BS 476-7      Class 0  
As drawing \_\_\_\_

Resistance of completed system to BS 476-22      Unrated  
30 minutes integrity  
As drawing \_\_\_\_

Surface spread of flame to BS 476-7      Class 0  
As drawing \_\_\_\_

Sound insulation                      [ \_\_\_\_\_ ]

Resistance of completed system to BS EN ISO 140-3      35 Rw dB - Solid partitions.  
38 Rw dB - Double glazed partitions.  
42 Rw dB - Solid partitions.  
43 Rw dB - Solid and double glazed partitions.  
45 Rw dB - Double glazed partitions.  
51 Rw dB - Solid partitions.  
Unrated  
As drawing \_\_\_\_

Resistance of completed system to BS EN ISO 140-3	35 Rw dB - Solid partitions. 38 Rw dB - Double glazed partitions. 42 Rw dB - Solid partitions. 43 Rw dB - Solid and double glazed partitions. 45 Rw dB - Double glazed partitions. 51 Rw dB - Solid partitions. Unrated As drawing ____
Partition height	As drawing ____ - 4000 mm maximum.
Partition abutments	[ _____ ]
Head	Recess to conceal head rail of blinds As drawing ____
Deflection allowance	As drawing ____
Floor	As drawing ____
Wall/ Vertical structure	As drawing ____
Head	Recess to conceal head rail of blinds As drawing ____
Deflection allowance	As drawing ____
Deflection allowance	As drawing ____
Floor	As drawing ____
Wall/ Vertical structure	As drawing ____
Junctions/ Corners/ Fair ends	Chamfered, flush Chamfered, standard Radiused corner, flush Radiused corner, recessed Radiused corner, standard Square corner, flush Square corner, standard As drawing ____
Skirtings/ Sills	Metal, recessed Metal, with PVC insert Wood, flush Wood, with PVC insert As drawing ____

PVC insert colour  
Not applicable  
BS 00 A 05  
RAL 1013  
RAL 7011  
RAL 9010  
RAL 9011  
As drawing \_\_\_\_

PVC insert colour  
Not applicable  
BS 00 A 05  
RAL 1013  
RAL 7011  
RAL 9010  
RAL 9011  
As drawing \_\_\_\_

Exposed profiles finish  
Polyester powder coat  
As drawing \_\_\_\_

Colour  
01 – RAL 9005  
02 – Dark grey speckle  
03 – RAL 7031  
04 – RAL 7037  
05 – RAL 7035  
06 – BS 00 A 01  
07 – RAL 9016  
08 – BS 08 B 29  
09 – RAL 3005  
10 – RAL 3020  
11 – BS 08 B 15  
12 – RAL 6005  
13 – RAL 5014  
14 – RAL 5010  
Custom \_\_\_\_  
As drawing \_\_\_\_

Colour  
01 – RAL 9005  
02 – Dark grey speckle  
03 – RAL 7031  
04 – RAL 7037  
05 – RAL 7035  
06 – BS 00 A 01  
07 – RAL 9016  
08 – BS 08 B 29  
09 – RAL 3005  
10 – RAL 3020  
11 – BS 08 B 15  
12 – RAL 6005  
13 – RAL 5014  
14 – RAL 5010  
Custom \_\_\_\_  
As drawing \_\_\_\_

Solid panels  
Single layer of 12.5 mm gypsum plasterboard each side of studs  
Single layer of 12.5 mm Duraline plasterboard each side of studs  
As drawing \_\_\_\_

Finish  
As section M52  
As section M60  
As drawing \_\_\_\_

---

Joint treatment	Feature line Flush aluminium Pencil line Omega trim with PVC insert Taped and filled As drawing ____
PVC insert colour	Not applicable BS 00 A 05 RAL 1013 RAL 7011 RAL 9010 RAL 9011 As drawing ____
Finish	As section M52 As section M60 As drawing ____
Joint treatment	Feature line Flush aluminium Pencil line Omega trim with PVC insert Taped and filled As drawing ____
PVC insert colour	Not applicable BS 00 A 05 RAL 1013 RAL 7011 RAL 9010 RAL 9011 As drawing ____
PVC insert colour	Not applicable BS 00 A 05 RAL 1013 RAL 7011 RAL 9010 RAL 9011 As drawing ____
Glazed panels	Full height glazed Banded glazed at ____ mm centres Glazed from skirting to door head height Mid glazed to door head; dado to be at ____ mm from finished floor level Half glazed from dado ____ mm from finished floor level to full height Top glazed from door head to full height Double glazed Single offset glazing; glass to corridor side Single centre glazed As drawing ____
Joint treatment	Transoms and mullions as full system
Glass types	6.4 mm clear laminated glass, Class B to BS 6206, Non fire rated

Product summary page for System 7000 generated 23.10.2014 by ribaproductselector.com

Glass types	6.4 mm clear, laminated glass, Class B to BS 6206 - Non-fire rated. 6 mm clear, toughened glass, Class A to BS 6206 - Non-fire rated. 6 mm Pyran S glass, Class A to BS 6206 - 30 minute fire rated. Pyroswiss Fire Star glass, clear, Class A to BS 6206 - 30 minute fire rated. 6 mm clear Pyrocet glass, Class A to BS 6206 - 30 minute fire rated. 6.7 mm Pyroshield glass, Class C to BS 6206 - 30 minute fire rated. As drawing ____
Integral venetian blinds	Not required 15 mm perforated slat 15 mm plain slat 25 mm perforated slat 25 mm plain slat As drawing ____
Controls	Not applicable Brushed aluminium Polished aluminium Polished brass Satin anodized Colour coated to match framework As drawing ____
Joint treatment	Transoms and mullions as full system
Glass types	6.4 mm clear, laminated glass, Class B to BS 6206 - Non-fire rated. 6 mm clear, toughened glass, Class A to BS 6206 - Non-fire rated. 6 mm Pyran S glass, Class A to BS 6206 - 30 minute fire rated. Pyroswiss Fire Star glass, clear, Class A to BS 6206 - 30 minute fire rated. 6 mm clear Pyrocet glass, Class A to BS 6206 - 30 minute fire rated. 6.7 mm Pyroshield glass, Class C to BS 6206 - 30 minute fire rated. As drawing ____
Integral venetian blinds	Not required 15 mm perforated slat 15 mm plain slat 25 mm perforated slat 25 mm plain slat As drawing ____
Controls	Not applicable Brushed aluminium Polished aluminium Polished brass Satin anodized Colour coated to match framework As drawing ____
Controls	Not applicable Brushed aluminium Polished aluminium Polished brass Satin anodized Colour coated to match framework As drawing ____
Doorsets	[_____]
Fire rating	30 minutes fire rated

	Non-fire rated As drawing ____
Arrangement	Single leaf One and half leaf Double leaf As drawing ____
Swing	Single Double As drawing ____
Overpanel	Not required Glazed Solid As drawing ____
Doors	Fast fit cellular - Non-fire rated. Fast fit glass - Non-fire rated. Fast fit solid core - Non-fire rated. Fast fit FD30 - 30 minute fire rated. Cellular - Non-fire rated. Glass - Non-fire rated. Solid core - Non-fire rated. FD30 - 30 minute fire rated. As drawing ____
Height	Full height - 3000 mm maximum overall height. Metric - 2040 mm. Standard - 1981 mm. As drawing ____
Meeting stiles	Not applicable Rebated Square edge As drawing ____
Door veneer	Not applicable Ash Maple Oak Steamed beech Cherry Koto Sapele CPL Ash CPL Maple CPL Oak CPL Steamed beech Primed paint grade As drawing ____
Vision panels	[ _____ ]
Aperture shape and dimensions	Not applicable

Circular \_\_\_ mm diameter clear area - 450 mm maximum diameter.  
 Square \_\_\_ mm clear area  
 Rectangular \_\_\_ mm high x \_\_\_ mm wide clear area  
 As drawing \_\_\_

Aperture number Not applicable  
 As drawing \_\_\_

Location Not applicable  
 As drawing \_\_\_

Glazing 6.4 mm laminated glass, Class B to BS 6206 - Non-fire rated.  
 7 mm Pyroshield, wired, Class C to BS 6206 - 30 minute fire rated.  
 As drawing \_\_\_

Ironmongery As drawing \_\_\_

Wood leaf hinge finish Galvanized  
 Hinge glass  
 Painted  
 As drawing \_\_\_

Fire rating 30 minutes fire rated  
 Non-fire rated  
 As drawing \_\_\_

Arrangement Single leaf  
 One and half leaf  
 Double leaf  
 As drawing \_\_\_

Swing Single  
 Double  
 As drawing \_\_\_

Swing Single  
 Double  
 As drawing \_\_\_

Overpanel Not required  
 Glazed  
 Solid  
 As drawing \_\_\_

Doors Fast fit cellular - Non-fire rated.  
 Fast fit glass - Non-fire rated.

Fast fit glass - Non-fire rated.  
Fast fit solid core - Non-fire rated.  
Fast fit FD30 - 30 minute fire rated.  
Cellular - Non-fire rated.  
Glass - Non-fire rated.  
Solid core - Non-fire rated.  
FD30 - 30 minute fire rated.  
As drawing \_\_\_\_

Height Full height - 3000 mm maximum overall height.  
Metric - 2040 mm.  
Standard - 1981 mm.  
As drawing \_\_\_\_

Meeting stiles Not applicable  
Rebated  
Square edge  
As drawing \_\_\_\_

Door veneer Not applicable  
Ash  
Maple  
Oak  
Steamed beech  
Cherry  
Koto  
Sapele  
CPL Ash  
CPL Maple  
CPL Oak  
CPL Steamed beech  
Primed paint grade  
As drawing \_\_\_\_

Height Full height - 3000 mm maximum overall height.  
Metric - 2040 mm.  
Standard - 1981 mm.  
As drawing \_\_\_\_

Meeting stiles Not applicable  
Rebated  
Square edge  
As drawing \_\_\_\_

Door veneer Not applicable  
Ash  
Maple  
Oak  
Steamed beech  
Cherry  
Koto  
Sapele  
CPL Ash  
CPL Maple  
CPL Oak  
CPL Steamed beech  
Primed paint grade  
As drawing \_\_\_\_

Vision panels [\_\_\_\_\_]

Aperture shape and dimensions      Not applicable  
Circular \_\_\_ mm diameter clear area - 450 mm maximum diameter.  
Square \_\_\_ mm clear area  
Rectangular \_\_\_ mm high x \_\_\_ mm wide clear area  
As drawing \_\_\_

Aperture number                      Not applicable  
As drawing \_\_\_

Location                                 Not applicable  
As drawing \_\_\_

Glazing                                  6.4 mm laminated glass, Class B to BS 6206 - Non-fire rated.  
7 mm Pyroshield, wired, Class C to BS 6206 - 30 minute fire rated.  
As drawing \_\_\_

Aperture shape and dimensions      Not applicable  
Circular \_\_\_ mm diameter clear area - 450 mm maximum diameter.  
Square \_\_\_ mm clear area  
Rectangular \_\_\_ mm high x \_\_\_ mm wide clear area  
As drawing \_\_\_

Aperture number                      Not applicable  
As drawing \_\_\_

Location                                 Not applicable  
As drawing \_\_\_

Glazing                                  6.4 mm laminated glass, Class B to BS 6206 - Non-fire rated.  
7 mm Pyroshield, wired, Class C to BS 6206 - 30 minute fire rated.  
As drawing \_\_\_

Ironmongery                            As drawing \_\_\_

Wood leaf hinge finish                Galvanized  
Hinge glass  
Painted  
As drawing \_\_\_

Wood leaf hinge finish                Galvanized  
Hinge glass  
Painted  
As drawing \_\_\_

Manifestation                         To conform to Building Regulations, Approved Document N2  
As drawing \_\_\_

Cable management and outlets      As drawing \_\_\_

Accessories	[As drawing ____]
Other requirements	Cavity to be filled with 50 mm Isowool 1200 As drawing ____
Installation	Frame, glazing and door installation by SAS International Ltd