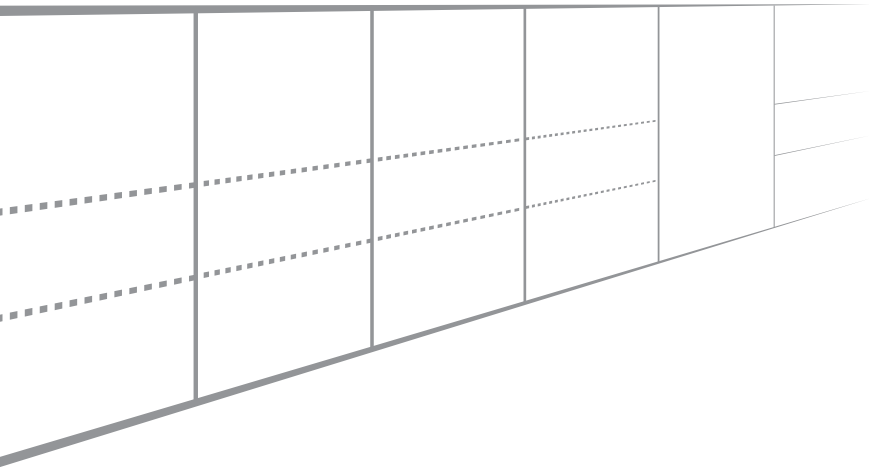


SAS International

system 8000 track installation guide

Please read the appropriate technical drawings in conjunction with this guide, a full set is available from the download area of our website.

TOOLS

As well as standard equipment used for the installation of re-locatable partitioning a Compound Slide Mitre Saw with a minimum 305mm blade will be required to cut larger sections within the System 8000 range. Minimum specifications as follows:

- Bevel range: -45° to +45°
- Mitre cut at 45°: 102 x 225mm
- Straight cut: 102 x 363mm
- Mitre range: 52° to 60°
- Blade Diameter: 305mm

STANDARD HEAD TRACK

System 8000 SG – Sections FG8001/FG8109, FG8101, FG8102, FG8103, FG8104, FG8105

System 8000 NG – Sections FG8001/FG8204, FG8201

1. Cut the head channel as necessary and drill clearance holes through the glazing pocket to suit fixings max. 150mm from each end and at max. 600mm centres between. For double glazed tracks holes should be staggered between each glazing channel at max. 300mm centres..
2. Slide acoustic glazing seal 112217 into both sides of the glazing channels, remembering that some glazing channels are made up of multiple sections.
3. Fix to the ceiling using suitable countersunk screws, an extended screw bit should be used to avoid damage to the glazing channels.
4. Head channel should be installed so that its ends abut any adjoining walls.
5. Install in line connection splices 110665 or 110667 where appropriate as build progresses, not required for two part System 8000 SG track.
6. Where applicable clip FG8001 glazing bead on to FG8109 track, use a large timber or nylon mallet as necessary. It is recommended that the glazing bead joints are staggered to the glazing channel, this improves alignment of channels. For ceilings that do not provide enough resistance to clip the sections together pre-assemble the FG8001 & FG8109 before installation.

System 8000 DG – Sections FG8001/FG8300, FG8301, FG8302, FG8303, FG8304, FG8305

1. Follow steps 1 to 6 above
2. Install double glazed inner channel FG8302 for 10/12 and 10/12mm glass, FG8303 for 10/12mm and 15/17mm glass, FG8304 for 15/17mm and 15/17mm glass, FG8305 for 15/17mm and 19/22mm glass. The inner channels can be slid into position or clipped on after the track has been fitted, use a large timber or nylon mallet as necessary.
3. As with the glazing bead it is recommended that the inner glazing channel should be staggered to aid alignment of the sections.

+/-25mm DEFLECTION HEAD TRACK

Important Note – Installation of the two part +/- 25mm deflection heads requires close co-ordination with the SAS glazing teams. The inner head channels for System 8000 SG and System 8000 NG and the outer head channel for System 8000 DG should not be left installed without the glazing fitted below, when it is not adequately supported by a wall abutment and/or doorframe. It is recommended the partition fitters work in advance of the glazing teams installing the separate part of the deflection head as work proceeds.

System 8000 SG – Sections FG8105/FG8106
System 8000 NG – Sections FG8202/FG8203

1. Cut the outer head channel as necessary and drill clearance holes to suit fixings max. 150mm from each end and at max. 600mm centres between.
2. Fix to the ceiling using suitable screws, an extended screw bit should be used to avoid damage to the channel.
3. Install in line connection splices 110665 in the outer head channel as build progresses.
4. Slide acoustic glazing seal 112217 into both sides of the glazing channels, remembering that some glazing channels are made up of multiple sections.
5. The inner head channel should also be cut to length and fitted within the outer head channel by clipping into position at its mean level. 25mm of inner head track should visible below the outer channel.
6. Install in line connection splices 110667 in the inner head channel as build progresses.
7. It is recommended that joints between the inner and outer head channels are staggered, this improves alignment of the channels.
8. A continuous minimal bead of silicone will be applied within the head track by the glaziers, this bonds the glass and head track together.

System 8000 DG – Sections DW1004/FG8306, FG8302, FG8303, FG8304, FG8305

1. Cut the inner head channel as necessary and fix to the ceiling using suitable screws. Fixings should be positioned max.150mm from each end and at max. 600mm centres between.
2. Install in line connection splices 110665 where appropriate as build progresses.
3. The outer head channel should also be cut to length.
4. Slide acoustic glazing seal 112217 into both sides of the glazing channels.
5. Fit the outer head channel by clipping into position at its mean level. 25mm of inner head track should visible above the outer channel. Use 119476 setting blocks to aid levelling.
6. Install in line connection splices 110667 where appropriate as build progresses.
7. It is recommended that joints between the inner and outer head channels are staggered, this improves alignment of the channels.
8. A continuous minimal bead of silicone will be applied within the head track by the glaziers, this bonds the glass and head track together.

System 8000 +/- 25mm deflection has been designed with a unique interface to System 1000 deflection heads, refer to the following integration drawings for details:

PS/8100/8000 & PS/8100/8001 for System 8000 SG
PS/8200/8000 & PS/8200/8001 for System 8000 NG
PS/8300/8000 & PS/8300/8001 for System 8000 DG

Where the installation includes full height frameless glass door leaves, prior to fixing the head track, pivot blocks should be fitted within the head track. 119989 pivot block is used for two part head track and 119994 for one part and +/- 25mm tracks. Once the head track is installed the pivot block should be positioned in the approximate position of the door.

WALL ABUTMENTS

System 8000 SG – Sections FG8001/FG8109, FG8101, FG8102, FG8103, FG8104, FG8105

System 8000 NG – Sections FG8001/FG8204, FG8201

1. Abutment track is cut to fit neatly between the head track and the floor. Drill clearance holes through the glazing pocket to suit fixings max. 150mm from each end and at max. 600mm centres between. For double glazed tracks fixings should be staggered between each glazing channel at max. 300mm centres.
2. Slide acoustic glazing seal 112217 into both sides of the glazing channels.
3. Fix to the wall using suitable countersunk screws, an extended screw bit should be used to avoid damage to the glazing channels.
4. 35772 fixing cleats for 26mm deep head track or 141999 fixing cleats for deeper head tracks should be screwed within the glazing reveal between the head track and abutment track, securing the inner deflection to the wall.

System 8000 DG – Sections FG8001/FG8300, FG8301, FG8302, FG8303, FG8304, FG8305

1. Follow steps 1 to 3 above
2. Install double glazed inner channel FG8302 for 10/12 and 10/12mm glass, FG8303 for 10/12mm and 15/17mm glass, FG8304 for 15/17mm and 15/17mm glass, FG8305 for 15/17mm and 19/22mm glass. The inner channels can be slid into position or clipped on after the track has been fitted, use a large timber or nylon mallet as necessary.
3. As with the glazing bead it is recommended that the inner glazing channel should be staggered to aid alignment of the sections.
4. 35772 fixing cleats for 26mm deep head track or 141999 fixing cleats for deeper head tracks should be screwed within the glazing reveal between the head track and abutment track, securing the inner deflection to the wall.

FLOOR TRACK

System 8000 SG – Sections FG8001/FG8109, FG8112/FG8113, FG8111

System 8000 NG – Sections FG8001/FG8204, FG8201

1. Cut the floor track as necessary and drill clearance holes through the glazing pocket to suit fixings max. 150mm from each end and at max. 600mm centres between. For double glazed tracks fixings should be staggered between each glazing channel at max. 300mm centres.
2. Slide acoustic glazing seal 112217 into both sides of the glazing channels.
3. Fix to the floor using suitable countersunk screws.
4. Floor track should be installed so that its ends abut wall abutment channel.
5. Install in line connection splices 110667 where appropriate as build progresses, not required for two part head track.
6. For two part floor track it is recommended that FG8001 glazing bead joints are staggered to the glazing channel, this improves alignment of channels. Glazing bead should be accurately cut and positioned loosely on the glazing track to allow glazing.

System 8000 DG – Sections FG8001/FG300, FG302, FG303, FG304, FG305

4. Follow steps 1 to 6 above.
5. Install double glazed inner channel FG8302 for 10/12 and 10/12mm glass, FG8303 for 10/12mm and 15/17mm glass, FG8304 for 15/17mm and 15/17mm glass, FG8305 for 15/17mm and 19/22mm glass. The inner channels can be slid into position or clipped on after the track has been fitted, use a large timber or nylon mallet as necessary.
6. As with the glazing bead it is recommended that the inner glazing channel should be staggered to aid alignment of the sections.

CORNER & THREE WAY JUNCTIONS

Corner junctions should be constructed using preformed and welded sections, alternatively corners can be formed by cutting a mitre to the desired angle, for standard angles (90 & 135) angle cleats 110657, 110668, 110655 & 110669 should be used.

For three way junctions preformed and welded sections should be used. Alternatively the main run of head track should be v notched with a V arrow head being cut into the abutting track.

INLINE DRY WALL ADAPTORS

System 8000 SG – Sections FG8120, FG8121, FG8122

System 8000 NG – Sections FG8209, FG8210

System 8000 DG – Sections FG8314, FG8315

1. Determine the position for the adaptor post from the partition layout. Dry wall floor and ceiling track should be cut so that it finishes 25mm from the face of the adaptor post.
2. The adapter post should be cut to fit between the floor and ceiling.
3. Slide acoustic glazing seal 112217 into both sides of the glazing channels.
4. To prevent jointing materials filling the glazing channel protect each channel with a low tack adhesive tape.
5. Locate the adaptor post into the dry wall floor and head track and secure through the track into the integrated stud with 4No wafer head tek screws and rebate screw heads as necessary.
6. Install plasterboard as normal, surform the leading edge to aid installation.

Note: sections are designed as a tight fit to ensure integrity.

7. Screw the boards to the dry wall adaptors as shown in the relevant detail drawing. Jack point screws should be used for screwing through the integrated stud.

There are a range of pre machined features available to suit recessed skirting's and for shadow gaps at heads. For integration with System 1000 deflection heads and TRU-SK-100 recessed skirting refer to the following drawings:

PS/8100/8000 & PS/8100/8001 for System 8000 SG

PS/8200/8000 & PS/8200/8001 for System 8000 NG

PS/8300/8000 & PS/8300/8001 for System 8000 DG

REVEAL CHANNELS FOR PLASTERBOARD WALLS AND CEILINGS

System 8000 SG – Sections FG8119

System 8000 NG – Sections FG8208

System 8000 DG – Sections FG8313, FG302, FG303, FG304, FG305

1. Determine the position for the reveal channel from the partition layout.
2. Studs or MF should be installed to provide suitable grounds for fixing the reveal channel in place and should be adequately supported and braced back to the structure. The metal grounds and plasterboard should be installed to create a slot for the reveal channel to be installed into, slot sizes as follows:

   System 8000 SG = 30mm

   System 8000 NG = 65mm

   System 8000 DG = 110mm
3. Slide 112217 glazing seal into both sides of the glazing channels.
4. To prevent jointing materials filling the glazing channel protect each channel with a low tack adhesive tape.
5. Position the reveal channel within the slot and screw through the feathered edge and plasterboard @ 300mm centres into the metal grounds behind.

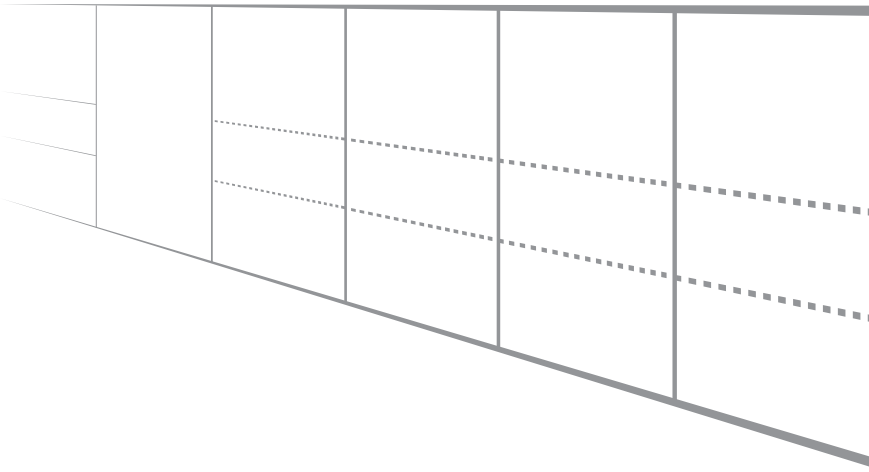
FIRE RATED CONSTRUCTIONS

System 8000 SG and System 8000 DG systems can be offered as a fire rated system. 30/0 & 30/30 can be achieved using aluminium track. 60/0 & 60/60 can be achieved using steel track. Please consult the fire rated series of drawings for typical build details.

Installation of the fire rated options follows much the same procedure as that of the non-fire rated systems. Generally intumescent seals replace the glazing seal, positions and specifications are noted on the fire rated series of drawings.

TIPS

1. Where possible drill clearance holes through the back of sections to avoid damage to the visible face.
2. Trim ends of track components with a clean and sharp mitre saw to ensure crisp joints.
3. Use a large slotted head screwdriver to open glazing seal ports prior to sliding the Glazing seal into the section.



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