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# SINGLE SKIN PARTITIONING

STEEL  
PARTITIONING

## INSTALLATION GUIDE

### SINGLE SKIN PARTITIONING

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# INSTALLATION INSTRUCTION

## SINGLE SKIN PARTITION PANELWORK



SINGLE SKIN  
PARTITIONING

### Refer to Fitting Instruction Drawings:

- WRGS.S.I.D. for general details
- WRGS.DFI for doorframes
- WRGS.SSDI for single sliding door
- WRGS.BPSDI for bi - parting sliding door

The installation instruction is aimed at aiding the installer in the correct process for installation.

Installers should familiarize themselves with these instructions before proceeding.

## Tools (Minimum recommendations)

- Battery or 110 Volt drill  
Masonry drill bits required 7Dia, 8Dia and 12Dia  
Jobber drill bits required 4Dia, 8.5Dia and 10.5Dia  
Set of Driver bits
- Hammer Drill 110 Volt
- HAND TOOLS  
Glass lifters; hacksaw; hammer; pliers;  
screwdriver; pop rivet gun; file; step ladders
- SPANNERS  
8mm, 13mm, 15mm or adjustable spanner  
5Dia Allen Key
- SETTING OUT  
String line; tape measure; line laser; spirit level
- CUTTING  
Metal shears; jigsaw; tin snips; cut off saw;  
reciprocating saw; circular saw
- HOUSEKEEPING  
Dust pan and brush; industrial vacuum cleaner

## Pre-Installation

The following steps represent the correct order for installation.

1. Check off delivery note to ensure all components are present.
2. Allocate a safe and pre arranged area to offload and set down materials.
3. Ensure build area is free from debris and obstructions.
4. Choose a datum point (normally a corner set out off wall) line out with chalk line, C/L of partition wall.

## Build Procedure (Measure twice cut once)

### TOP CHANNEL

- Top Cap channel 42W x 30D for freestanding partition and 42W x 60D for head fixed partition.
- Top channel supplied in 2 lengths (2440 and 3660) for on site cutting to suit partition layout.



# Progressively Build (Assuming starting from a corner and working back towards a wall)

## WALL ABUTMENTS AND PANEL BUILD

- Install corner mullion and bolt to panels left and right using M8 x 20 bolt & Hex nuts checking corner post is plumb.
- Drill floor using 8Dia masonry drill, insert plastic Rawlplug and fix panels to floor with 32 x 14 screws.
- Repeat operation fixing panels into place as above. NOTE a mullion should be installed at a maximum of 3 panel intervals.
- Completion of build into a 42 x 60 wall channel. Attach wall channel to wall and plumb vertical face.
- Attach using plastic Rawlplugs and 32 x 14 screws for masonry, or hex head TEK screws for steel.
- Where cut panels are required, cut panel to size, and close off cut edge with filler trap (see drawing WRGS.FT).
- Place top channel over panels (cutting as required), drill with 8.5Dia drill bit and fix in place with M8 x 20 bolt and hex nut.

## MULLION ASSEMBLY

- The mullion 40x40 or 80x40 will come supplied pre - fabricated with pre-drilled holes. This applies to either a Corner, 3 Way, 2 Way and end mullions.
- Mullions should be carefully placed into the panel joint. Set plumb and square. The hole for floor fixing will be drilled through the base plate using a 12mm drill. Fit the M12x60mm Sleeve anchors using a 15mm spanner (torque 25Nm).



- Check again that the mullion is plumb and vertical when the holding down bolts have been tightened up. It maybe necessary depending on the level of the floor to use shims under the base plate. (Tighten bolts re check and align).
- Panels are fixed to 2 way mullions with M8 x 60 bolt and Hex nuts.

## FINISHING WORKS

- Clean build area of any offcut debris and put into the agreed waste bin / skip.
- Wipe down face of panels with diluted glass cleaner 2/1 and soft cloth or micro fibre cloth.

## GENERAL INFORMATION - SYSTEM DATA STANDARD ITEMS

PANEL WIDTHS		All Steel panels	1220mm	610mm	305mm
		Steel Glass Steel Panels (Single Glazed)	1220mm	610mm	305mm
STANDARD PANEL HEIGHT			2440mm	3050mm	3660mm
GLASS SIZES		To suit S/G/S	Steel Dado 1220mm glazed 780mm steel above. (Height less 30mm width less 54mm)		
		1220mm Mod	Cut size 750mm High x 1166mm Wide		
		610mm Mod	Cut size 750mm High x 556mm Wide		
		305mm Mod	Cut size 750mm High x 251mm Wide		



# INSTALLATION INSTRUCTION

## SINGLE SKIN PARTITION DOORS



SINGLE SKIN  
PARTITIONING

Refer to fitting instruction documents where applicable.:



The installation instruction is aimed at aiding the installer in the correct process for installation.

Installers should familiarize themselves with these instructions before proceeding.

## Tools (Minimum recommendations)

- Battery or 110 Volt drill  
Masonry drill bit required 7mmDia  
Set of Driver bits
- Hammer Drill 110 Volt
- HAND TOOLS  
Screwdriver; pop rivet gun; file
- SPANNERS  
8mm, 17mm
- SETTING OUT  
Tape measure; line laser; spirit level
- HOUSEKEEPING  
Dust pan and brush; industrial vacuum cleaner



## Pre-Installation

The following steps represent the correct order for installation.

1. Check off delivery note to ensure all components are present.

### DOOR FRAME ASSEMBLY

- During the build where a double or single door set is required this will be built off a Mullion face.
- All double doors will generally require an 80x40 mullion at each end.

**NOTE** All door frames will arrive in kit form and will require the lintel to be fitted onto the vertical side posts.

- Doors leaves are pre assembled to the hinge angle during manufacture and should not require further works.

# Installation of Door Frames

- Ensure the Mullion adjacent to the doorframe is Plumb and level.
- Bolt door frame uprights to mullions using M8 x 60 bolt and Hex nuts.
- Drill floor with 7Dia masonry bit, fit Brown plastic Rawlplugs into pre-drilled holes and fix threshold strip into place using 1 1/2 x 10 screws (this operation for single doors only).
- Install above door panel.
- On completion fit lever handles, with the door in the open position operate the key from both sides to ensure lock works smoothly and correctly.
- Close the door and repeat the action. If the door locks and unlocks successfully it has been fitted correctly.

- If the locking system is stiff to lock or unlock adjust the leaf and frame.
- Please ensure that once installed you regularly lubricate each individual locking point to help provide a smooth and problem free operation.

## FINISHING WORKS

- Install ironmongery as per instructions supplied.
- Clean glass in pre glazed V/P.
- Clean glass and partition removing any marks.
- Clean build area of any offcuts debris and put into the agreed waste bin / skip.
- Wipe down face of panels with diluted glass cleaner 2/1 and soft cloth or micro fibre cloth.

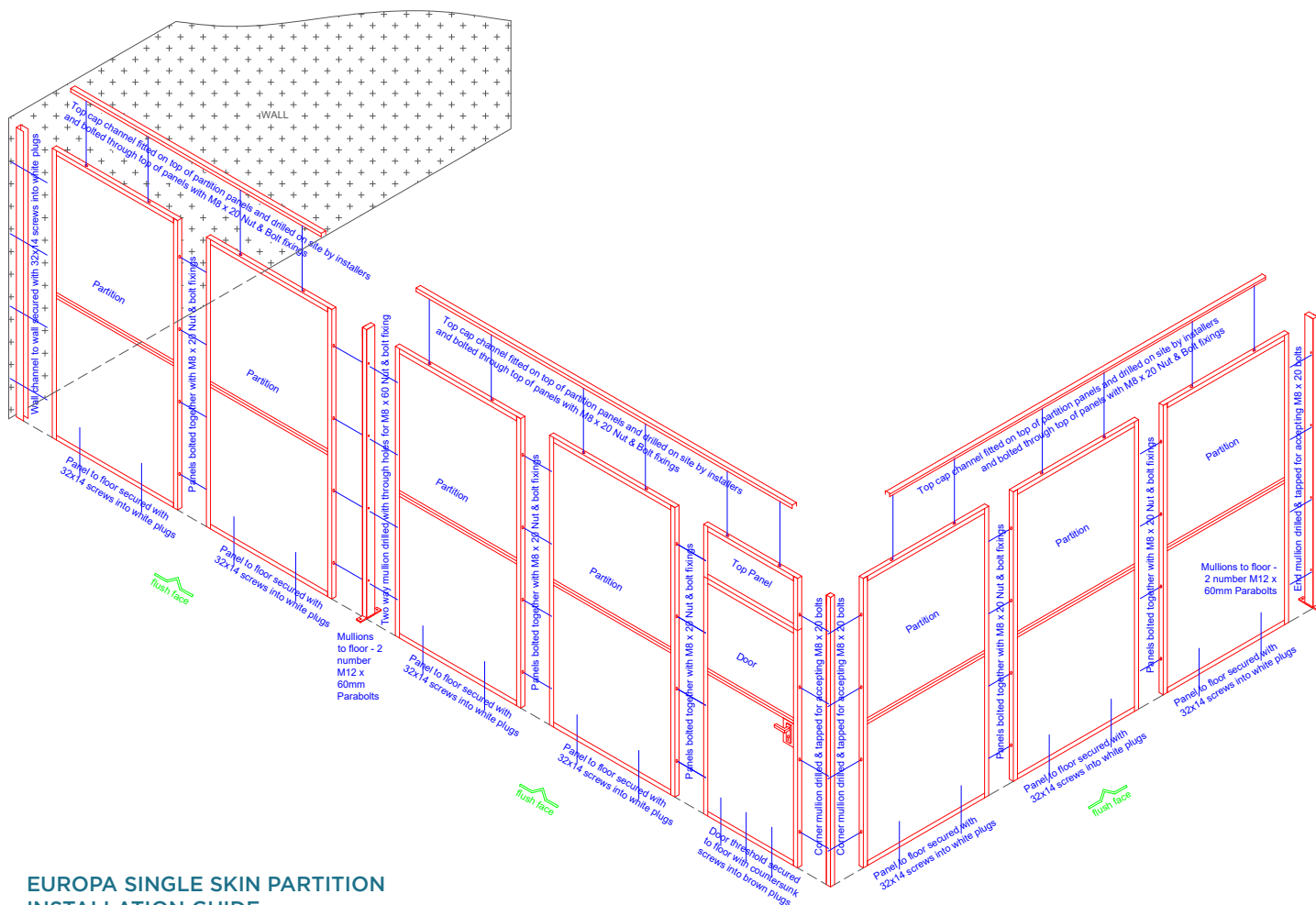
## GENERAL INFORMATION - SYSTEM DATA STANDARD ITEMS

Refer to Door Specifications

DOOR WIDTHS				
<b>SINGLE</b>	2000H o/all	x	915W o/all	
	2000H to over panel		915 Module Width	<i>(915W Over panel)</i>
	1965 Clear Height		845 Clear Width	
	<b>LEAF</b>			
	<b>1963H</b>		<b>884W</b>	
<b>DOUBLE</b>	2000H o/all	x	1806W o/all	
	2000H to over panel		1806 Module Width	<i>(1806W Over panel)</i>
	1965 Clear Height		1736 Clear Width	
	<b>LEAF</b>			
	<b>1963H</b>		<b>884W x 2</b>	







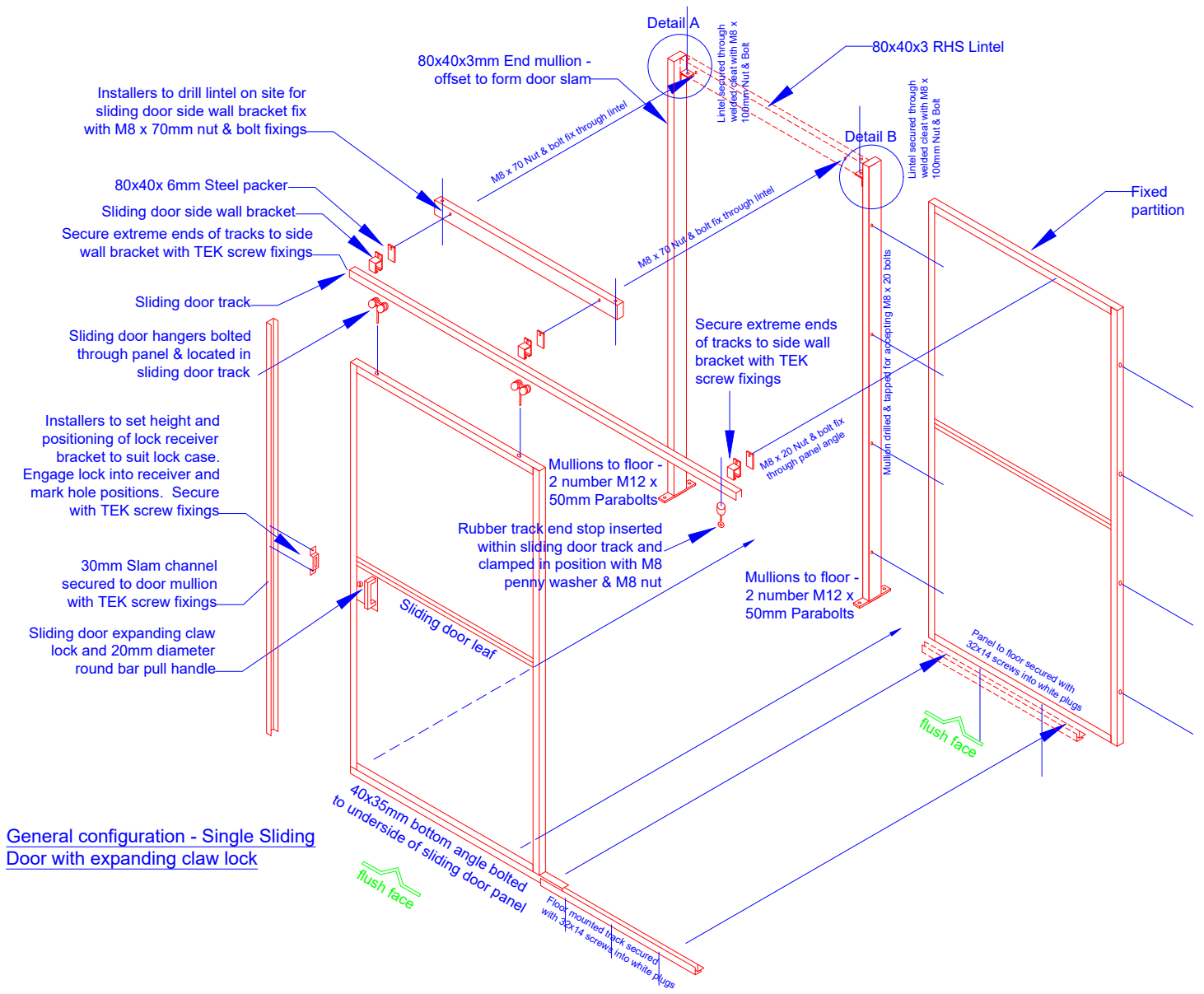
## EUROPA SINGLE SKIN PARTITION INSTALLATION GUIDE

- 1 Check that all components and fixing are complete prior to installation.
- 2 Mark layout out on floor according to drawing with chalk line.
- 3 Where possible work from corner back to a wall.
- 4 Bolt panels tightly together with M8 x 20 nut & bolt fixings .
- 5 Bolt mullions tightly to panels as shown on drawing using M8 x 60 nut & bolt fixings.
- 6 Drill floor/walls, and insert plastic plugs and screw panels to floor/wall.
- 7 Drill floor and insert sleeve anchor bolts to fix mullions, ensuring panels are vertical and plumb.
- 8 Fit hinged doors ensuring that verticality is maintained. Fit door top panel to full height using panel bolts.
- 9 Fit door furniture on all doors and check all locks.
- 10 Cut and fit top capping to complete and secure with M8 x 20 nut & bolt fixings.

### RECOMMENDED TOOLS:

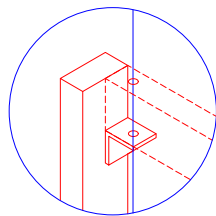
- Normal tool kit comprising spanners, pliers, screwdrivers, hacksaws, hammer, & pop rivet pliers for 4mm pop rivets etc.
- Masonry drill bits (7mm, 8mm and 12mm diameter).
- Jobber drill bits (4mm, 8.5mm and 10.5mm diameter).
- Electrical power tools such as drills, jig saws, extension leads, lamps etc.
- Tape measure.
- Spirit level/plumb line.
- Chalk line.
- Access equipment as required (step ladders, towers, scissor lift, boom lift).

System	Single Skin	File Name	Installation
Drawn by	EJP	Material	N/A
Date	07/08/2024	Drawing Title	Single Skin General Site Installation Details
Scale	Not to Scale		
Sheet Size	A3 Landscape	Drawing No.	Rev.

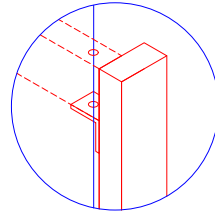


General configuration - Single Sliding Door with expanding claw lock

ENLARGEMENT OF DETAIL A



ENLARGEMENT OF DETAIL B



System	Single Skin	File Name	Installation
Drawn by	EJP	Material	N/A
Date	07/08/2024	Drawing Title	Single Skin Single Sliding Door Installation Details
Scale	Not to Scale		
Sheet Size	A3 Landscape	Drawing No.	Rev.