


Assembly & User Guide

PART NUMBER: SZASSYINSTSC. ISSUE 1.10.05

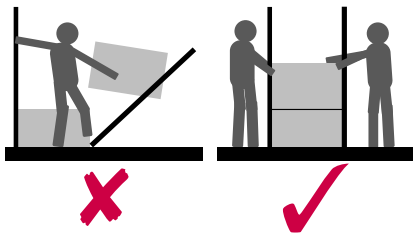
STORMOR® SOLO SHELVEING

Bays with Closed, Clad Backs

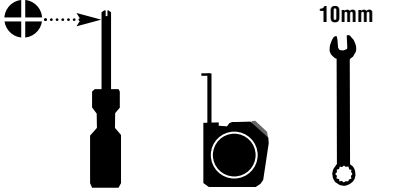
 **READ THIS GUIDE THOROUGHLY BEFORE COMMENCING ASSEMBLY AND RETAIN FOR REFERENCE**



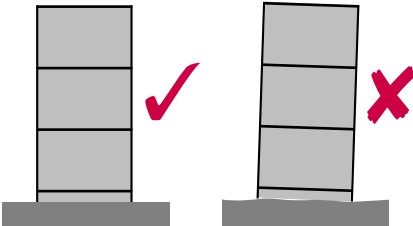
ASSEMBLY SHOULD BE UNDERTAKEN BY TWO COMPETENT PEOPLE
Preferably suitably trained shelving installers



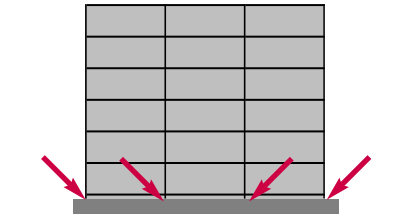
BASIC TOOLS
(not supplied)



LOCATE & BUILD SHELVEING ON A SUITABLE LEVEL FLOOR.
(Additional base plate shims may be required for uneven floors)




FLOOR FIXING
Should be considered for stability of tall, narrow bays - refer to back page

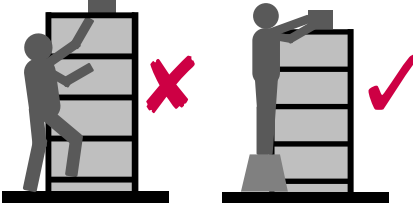




 **FRAME TYPE:**
Solo 'delta' edge

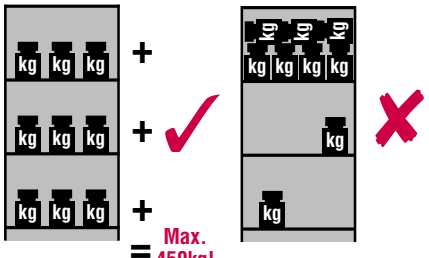


DO NOT CLIMB THE STRUCTURE OR STAND ON SHELVEING
Replace damaged components



USE A SUITABLE WORKING PLATFORM TO REACH HIGHER SHELVEING

BAY LOAD UNIFORMLY DISTRIBUTED!
DO NOT EXCEED MAXIMUM SAFE BAY LOAD OF 450KG



Max. 450kg!

ENSURE SHELF LOADS UNIFORMLY DISTRIBUTED! DO NOT EXCEED MAXIMUM SAFE SHELF LOADS.



***NOTE: 'H' or 'E' Duty shelves are usual supply. If in doubt, check duty stamp on underside corner of shelf flanges or contact your shelving supplier.**

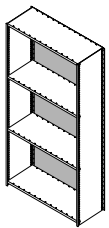
MAXIMUM SAFE LOADS FOR OPEN SECTION SHELVEING, 'H' DUTY*			
Shelf Depth mm	Shelf Width mm		
	900	1000	1250
300	78kg	70kg	45kg
370	78kg	70kg	45kg
400	78kg	70kg	45kg
450	78kg	70kg	45kg

MAXIMUM SAFE LOADS FOR BOX SECTION SHELVEING, 'E' DUTY*			
Shelf Depth mm	Shelf Width mm		
	900	1000	1250
300	130kg	120kg	75kg
370	130kg	120kg	75kg
400	130kg	120kg	75kg
450	130kg	120kg	75kg

The information contained in this leaflet was accepted as correct at the date of publication. However, the manufacturer reserves the right to make any necessary changes, in line with product development and improvement. No liability can be accepted for any inaccuracies or omissions, although every reasonable care has been taken to make this publication as complete and accurate as possible.

PRODUCT DESIGNED & MANUFACTURED IN THE UK TO QUALITY MANAGEMENT SYSTEMS CONFORMING TO THE INTERNATIONAL STANDARD BS EN ISO 9001:2000.

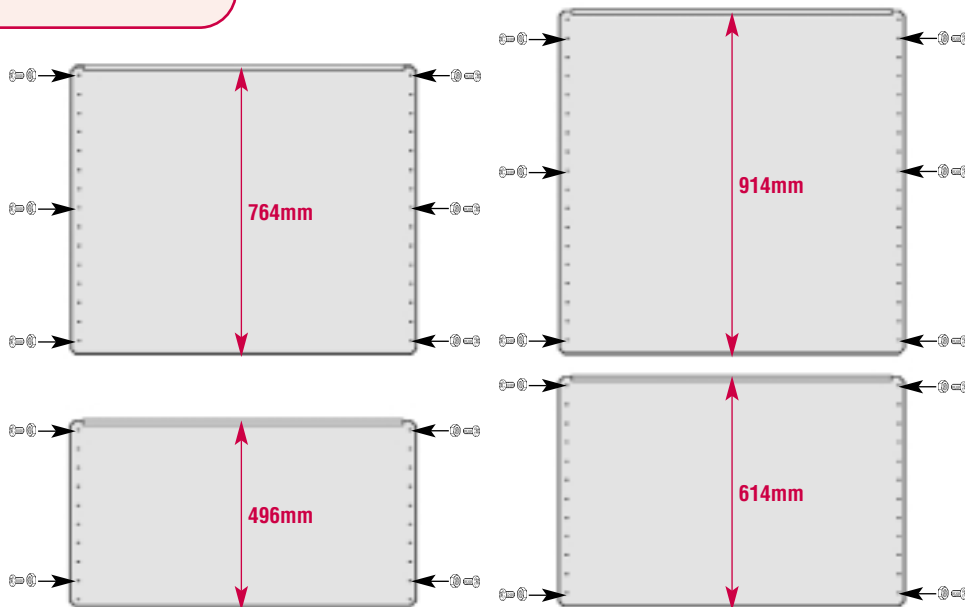
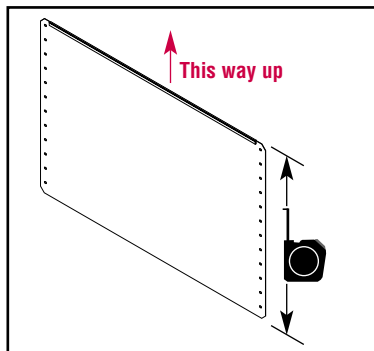
Starter Bay



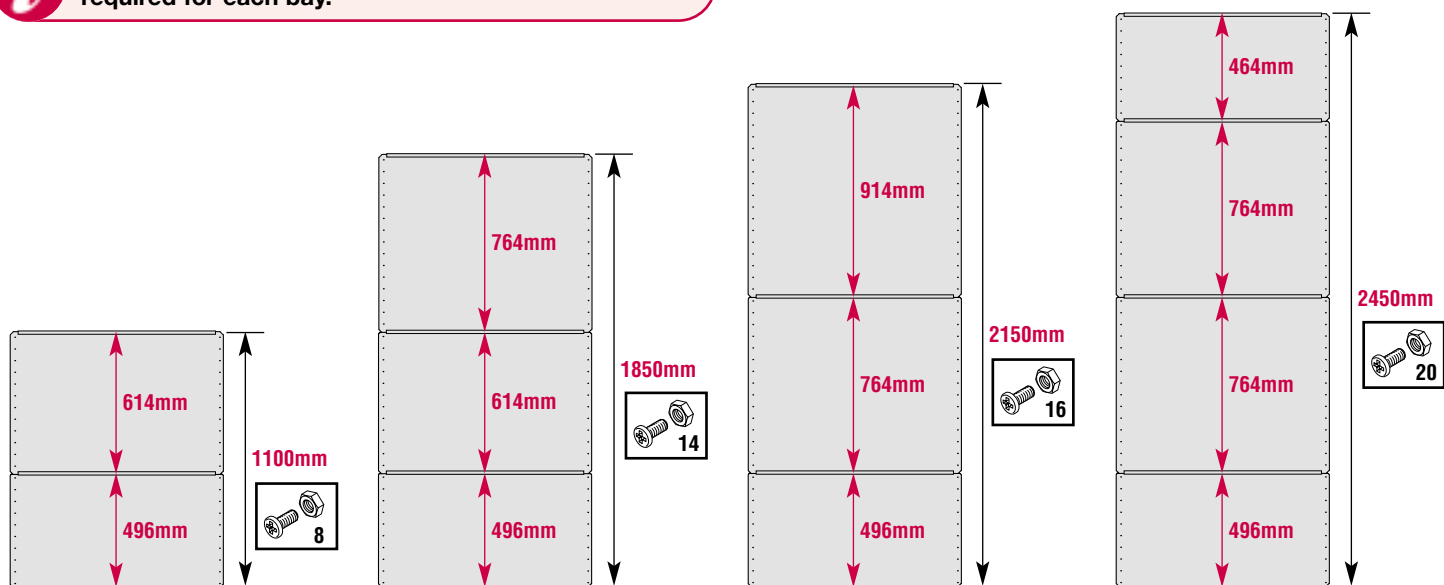
Read ALL instructions BEFORE commencing assembly ▼

1. Identify heights and correct positions of the rear cladding panels for your frame height.
2. Bolt panels into place, working from the lowest panel upwards.
FULLY TIGHTEN ALL BOLTS - *locate the correct number of nuts of bolts for each panel.*
3. IF BUILDING EXTENSION BAYS, GO TO STEP 5.
Locate top and base shelves - *4 adjustable clips required per shelf.*
 - With clad bay in final position, locate base plate shims (optional).
 - Check levels and shim bay if required.
 - If necessary, locate floor clips and secure to floor with suitable anchor bolt (anchors not supplied, available separately) - *Also refer to back page.*
4. Locate remaining intermediate shelves - **NOTE PLACEMENT RULES.**

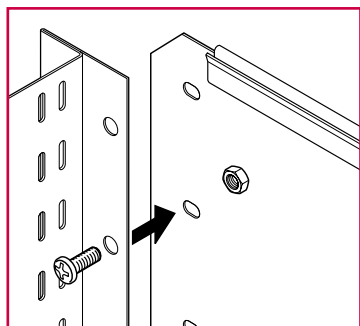
1 Identify cladding panel heights and panel positions for your frame height.



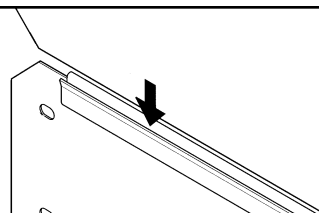
i Note correct number and location of nuts & bolts required for each bay.



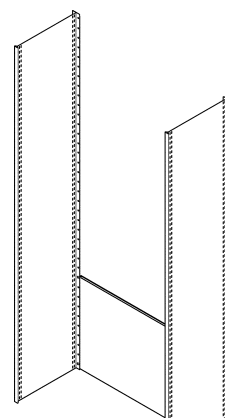
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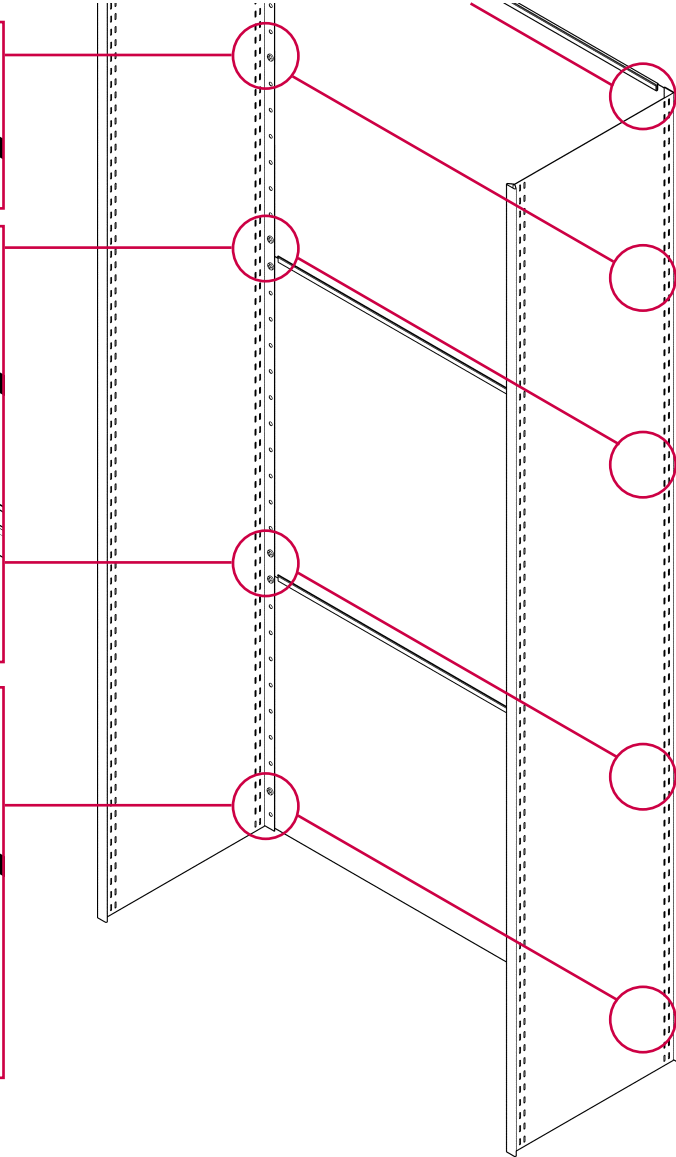
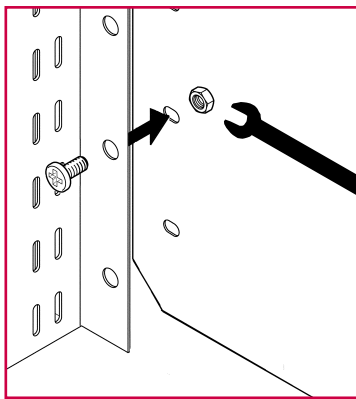
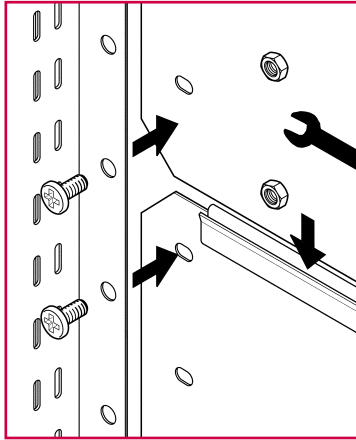
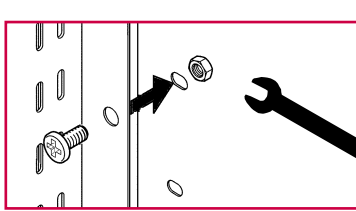


Slot panels together

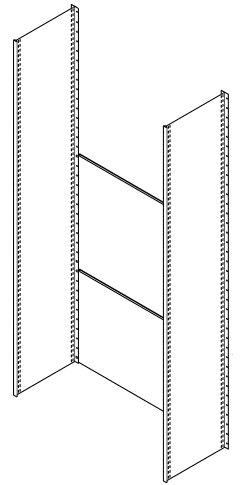


2.1

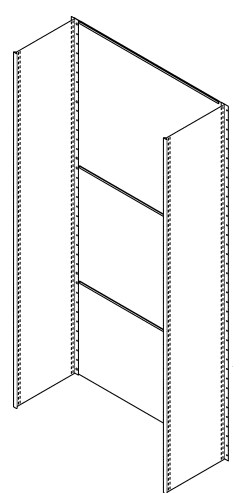




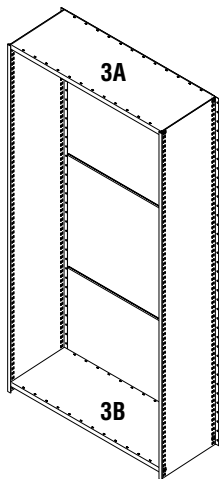
2.2



2.3

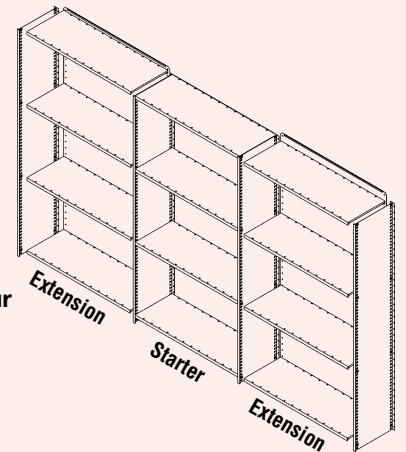


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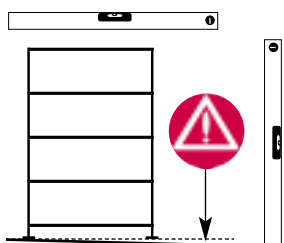


AT THIS STAGE:

- If including extension bays, go to stage 5 before fitting shelves.
- Locate top and base shelves - refer to stage 4.
- **OPTIONAL:** Locate base plate shims - see below. (These help to spread the load and protect your floor covering)
- Where necessary, bolt down using floor clips - refer to back page.

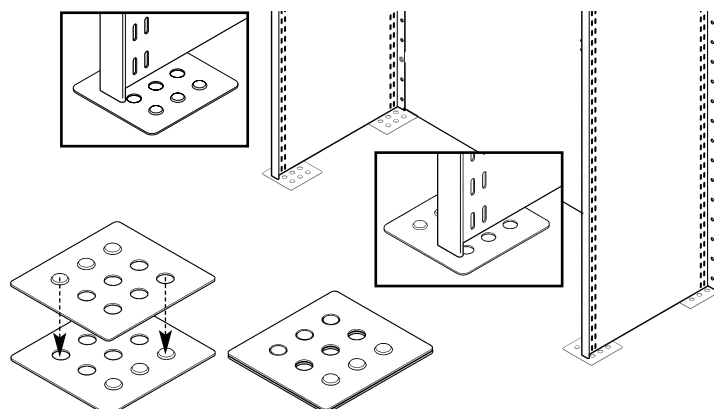


CHECK LEVELS

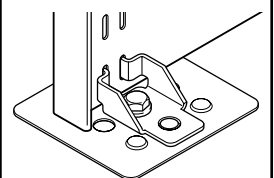


OPTIONAL:
Locate Base
Plate Shims

Stack to level
if required

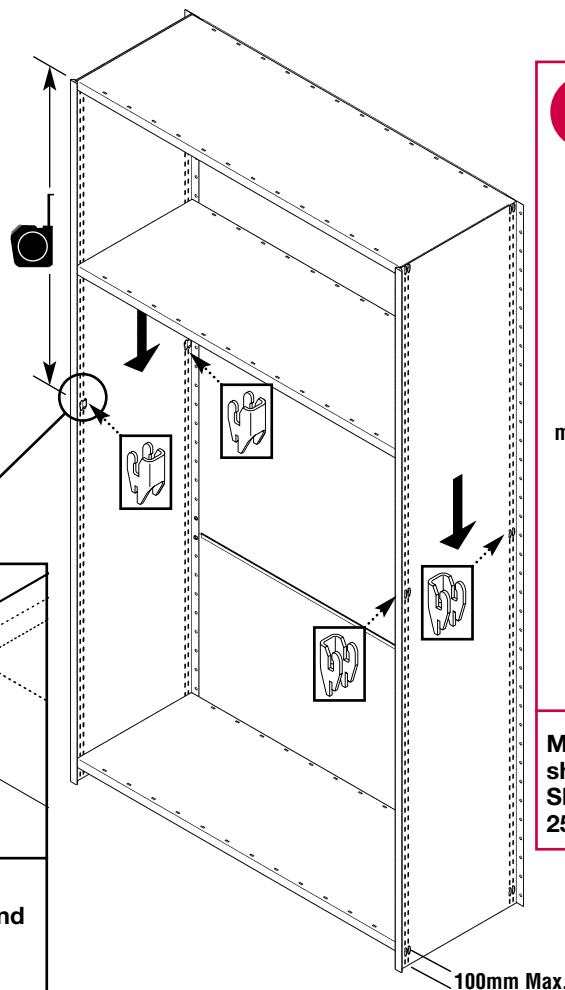
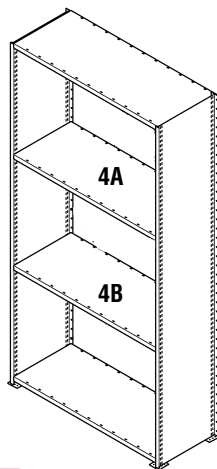


FLOOR FIXING
(where necessary)

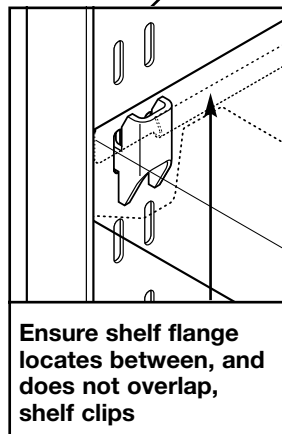
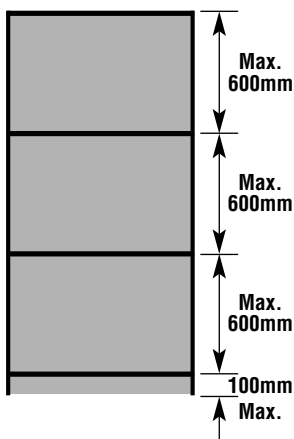


Starter Bays and Extension Bays ▼

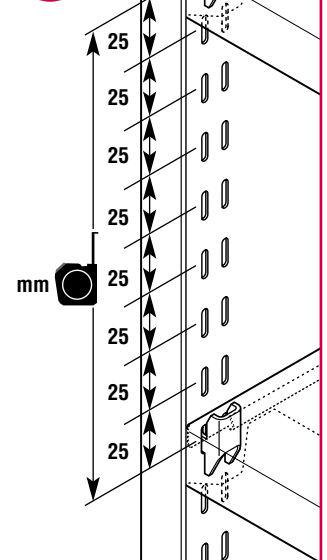
4 Shelf Location



SHELF PLACEMENT
note maximum spacing!

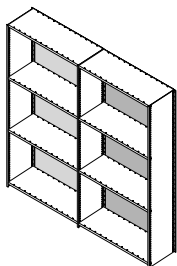


Ensure shelf flange
locates between, and
does not overlap,
shelf clips



Measure to space
shelves as required.
Slots for shelf clips are at
25mm increments

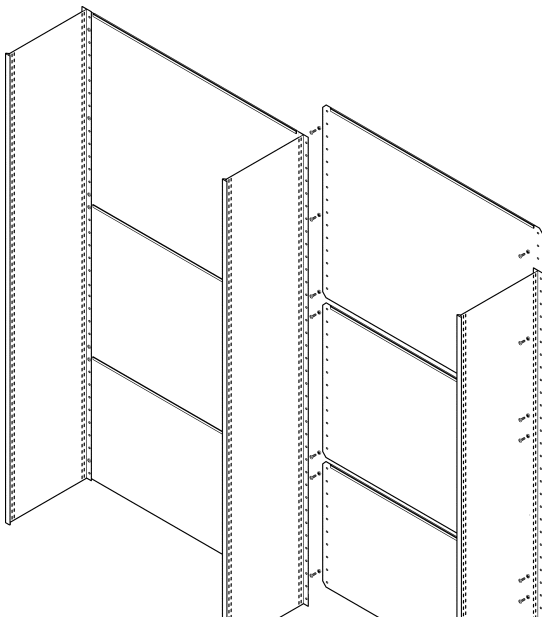
Extension Bays



Read ALL instructions BEFORE commencing assembly ▼

- 5a.** Each additional extension bay **MUST** have all cladding panels correctly fitted.
- 5b.** When adding more than one extension bay, follow assembly sequence indicated to allow for correct insertion and overlap of adjacent cladding panels.
 - **FULLY TIGHTEN ALL BOLTS** - use the correct number of nuts of bolts for each panel.
- 6.** With clad bays in final position, locate base plate shims (optional).
 - Check levels and shim bays if required.
 - If necessary, locate floor clips and secure to floor with suitable anchor bolt (anchors not supplied, available separately) - *Also refer to back page.*
- 7.** Locate top, base, then intermediate shelves - **NOTE PLACEMENT RULES IN STAGE 4.**

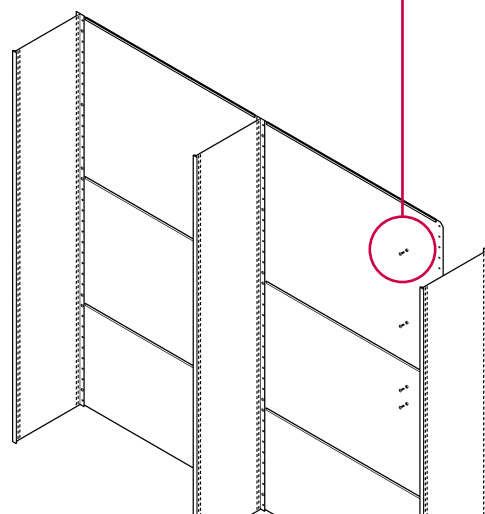
5a



5b 1



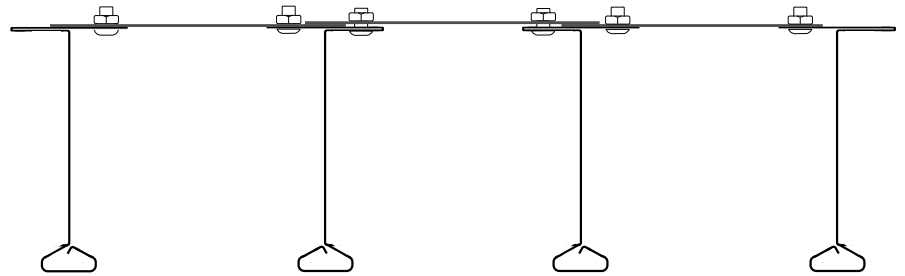
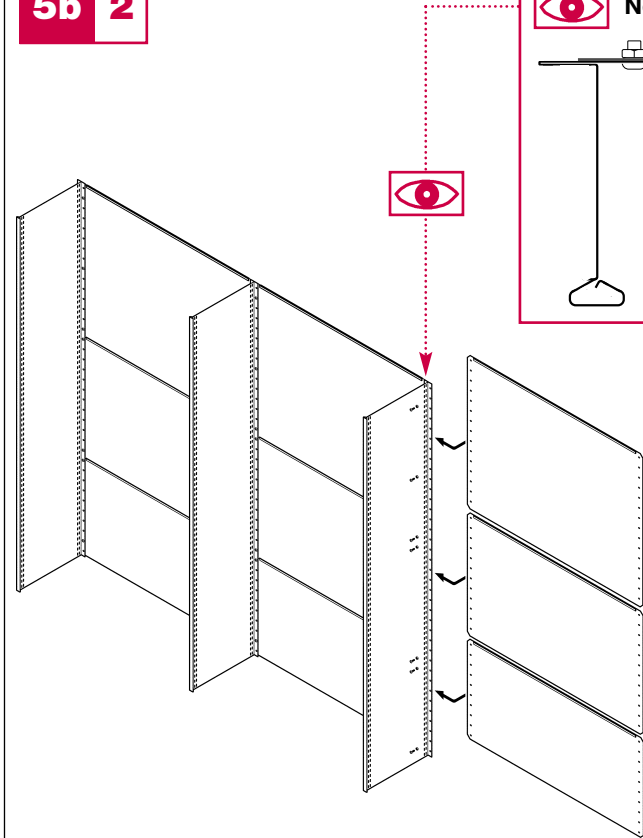
Nuts & bolts loose fit at this stage to allow
insertion of next bay's cladding panels



 Fully tighten all nuts & bolts

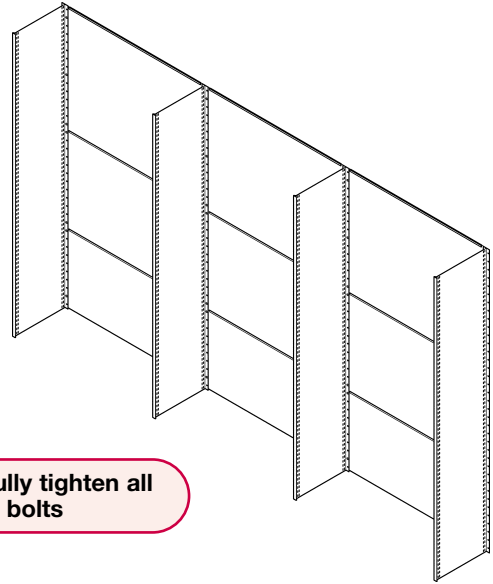
5b 2

 Note overlap of cladding panels



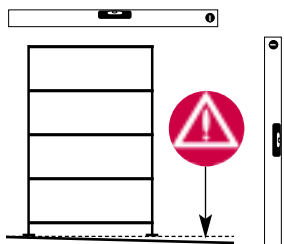
5b 3

 Now fully tighten all nuts & bolts



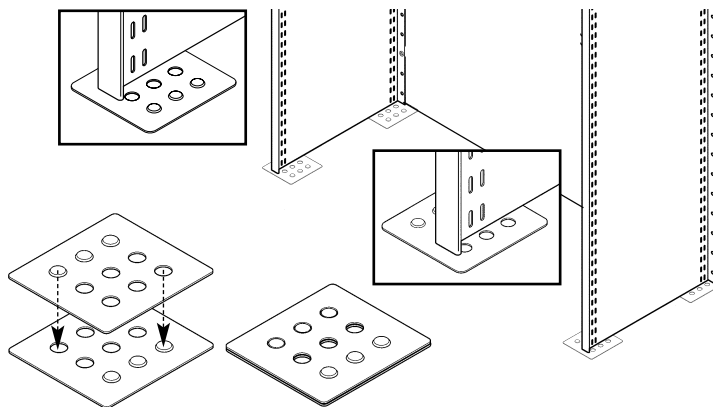
6

CHECK LEVELS

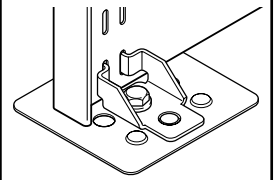


OPTIONAL:
Locate Base
Plate Shims

Stack to level
if required



FLOOR FIXING
(where necessary)

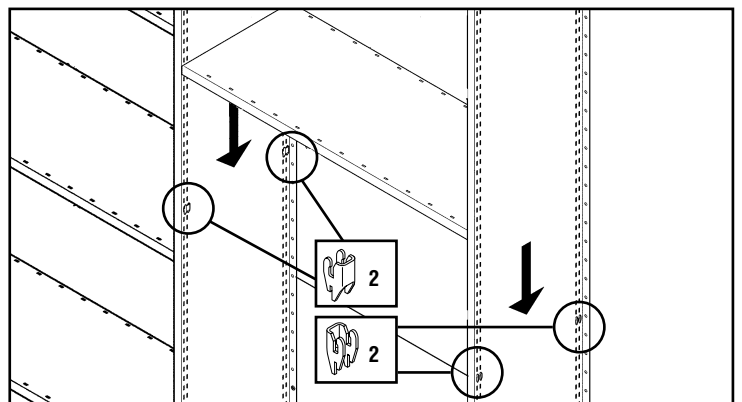
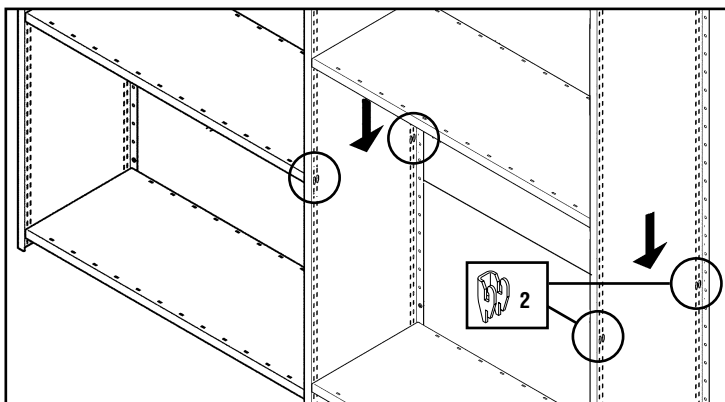


7

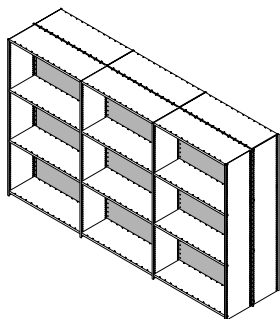


Shelves set at **SAME** height to shelves in adjacent bay require 2 clips.

Shelves set at **DIFFERENT** height to shelves in adjacent bay require 4 clips.



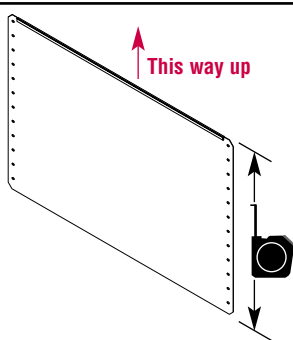
Back to Back Bays



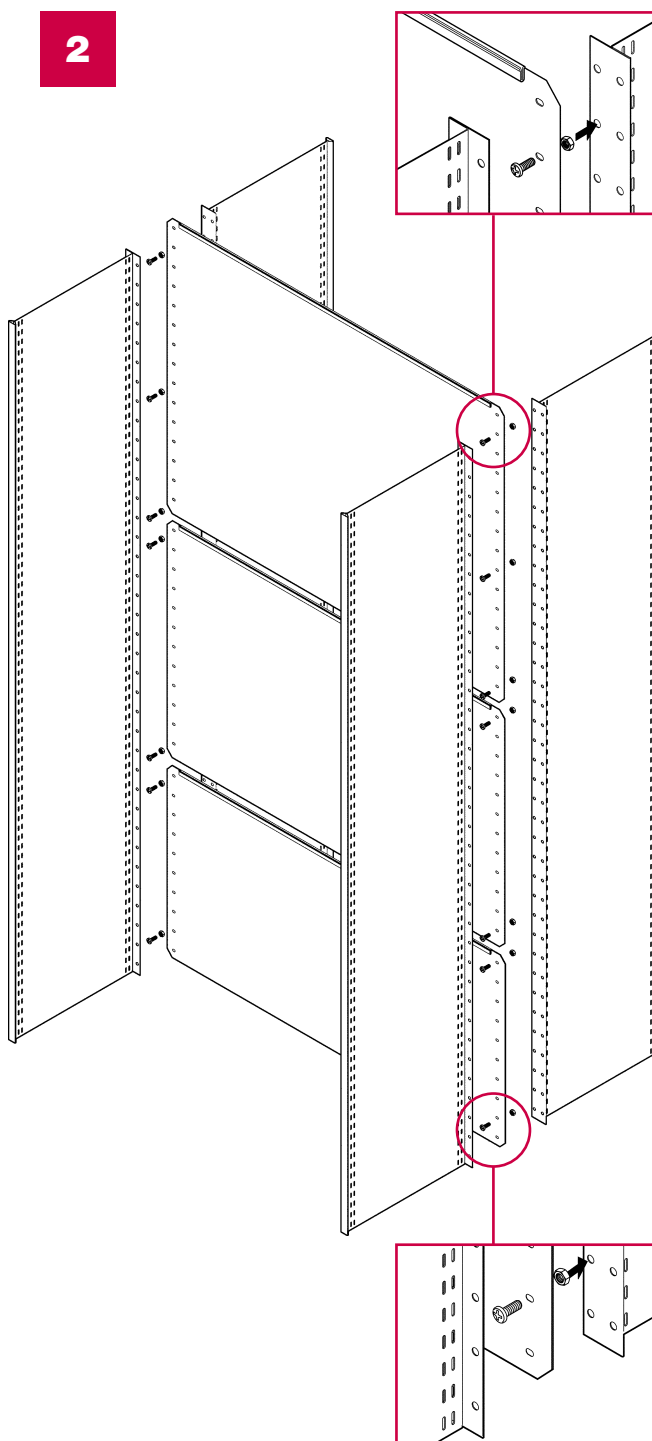
ALSO REFER TO STARTER & EXTENSION BAY ASSEMBLY
Read ALL instructions BEFORE commencing assembly ▼

1. Identify heights and correct positions of the rear cladding panels for your frame height - *Refer to Starter Bay Assembly, Stage 1.*
2. Bolt panels into place, working from the lowest panel upwards, locating the correct number of nuts of bolts for each panel - *Also refer to Starter Bay Assembly, Stage 2.*
IF BUILDING EXTENSION BAYS, LEAVE NUTS & BOLTS LOOSE AND GO TO STAGE 4.
3. Locate top and base shelves - *4 adjustable clips required per shelf.*
With clad bays in final position, locate base plate shims (optional). Fit intermediate shelves.
4. Each additional extension bay MUST have all cladding panels correctly fitted.
Follow assembly sequence indicated to allow for correct overlap of adjacent cladding panels. **LEAVE NUTS & BOLTS LOOSE TO ALLOW INSERTION OF PANELS, THEN TIGHTEN FULLY.**
5. With clad bays in final position, locate base plate shims (optional).
 - Check levels and shim bays if required.
 - If necessary, locate floor clips and secure to floor with suitable anchor bolt (anchors not supplied, available separately) - *Also refer to back page.*
6. Locate top, base, then intermediate shelves - **FOLLOW PLACEMENT RULES IN STARTER & EXTENSION BAY ASSEMBLY, STAGES 4 & 7.**

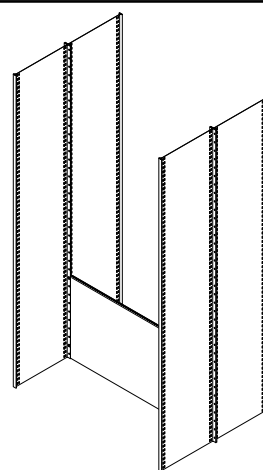
1



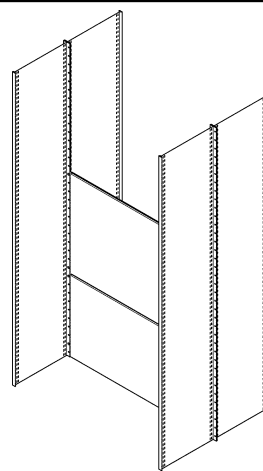
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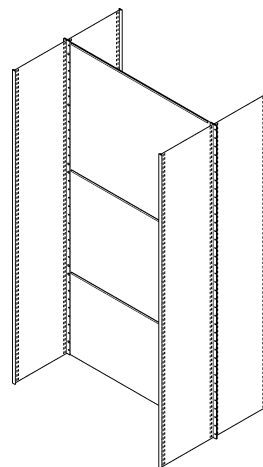
2.1



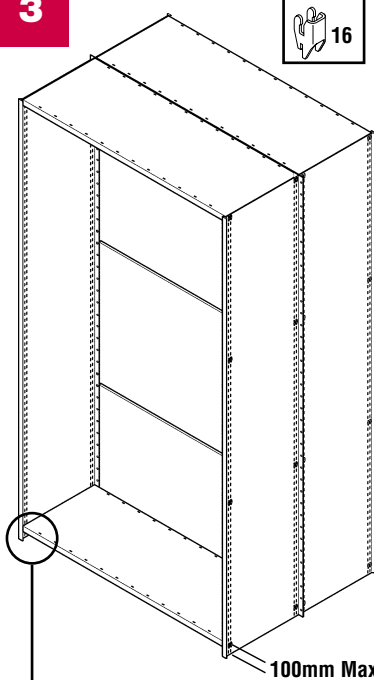
2.2



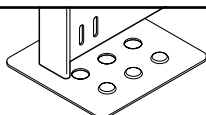
2.3



3



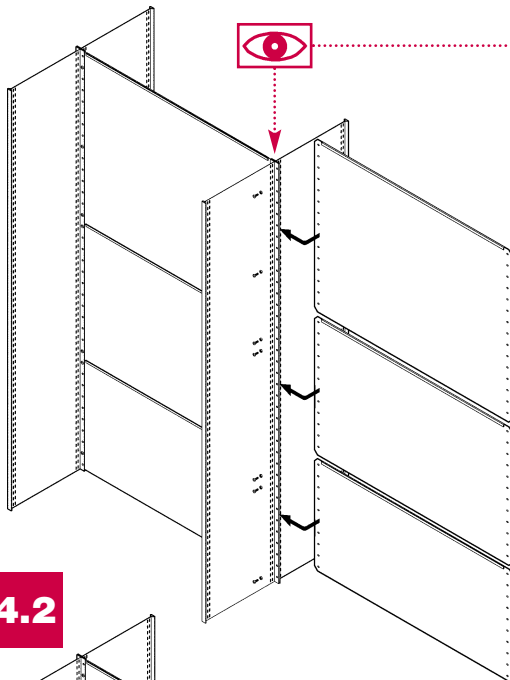
OPTIONAL:
locate base
plate shims



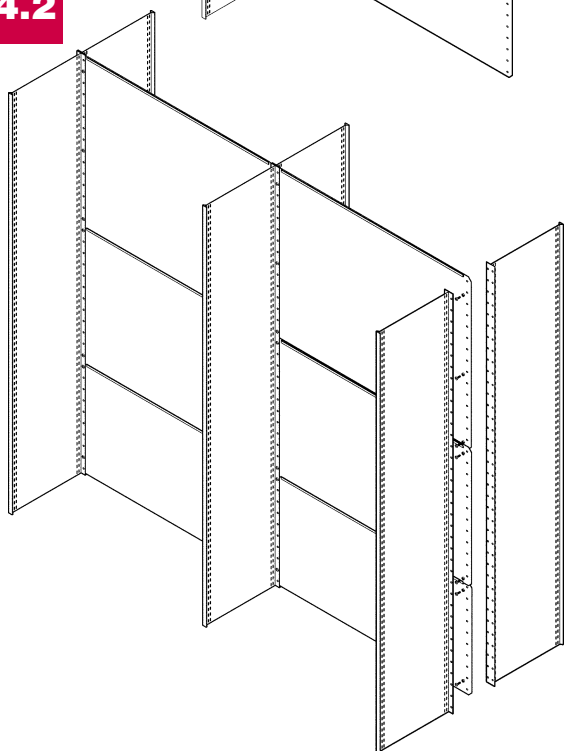
4.1



Nuts & bolts loose fit at this stage



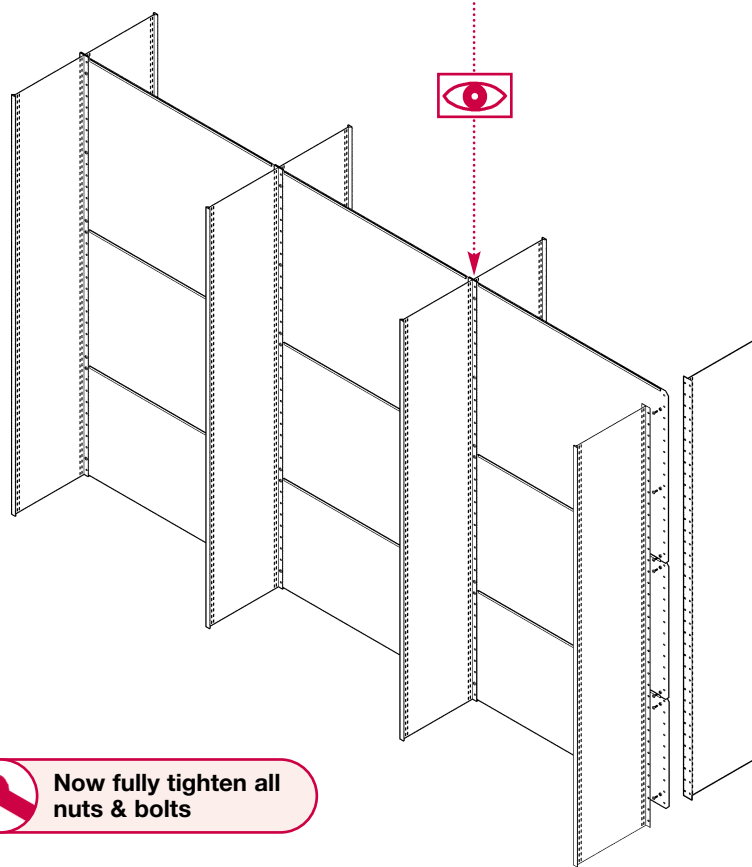
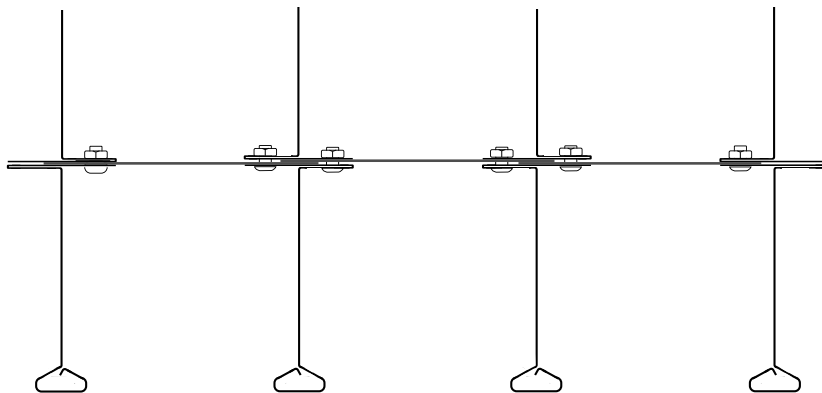
4.2



4.3



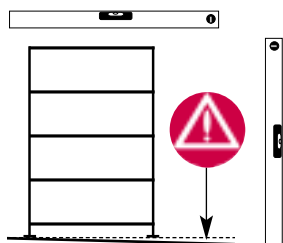
Note overlap of cladding panels



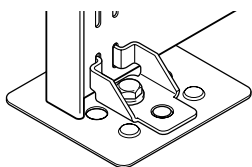
Now fully tighten all nuts & bolts

5

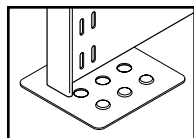
CHECK LEVELS



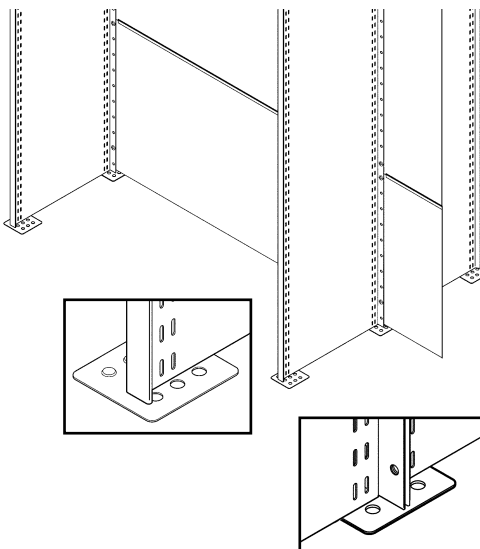
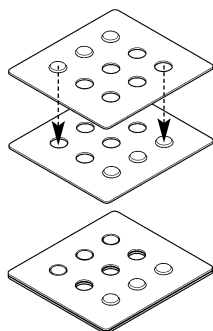
FLOOR FIXING
(where necessary)



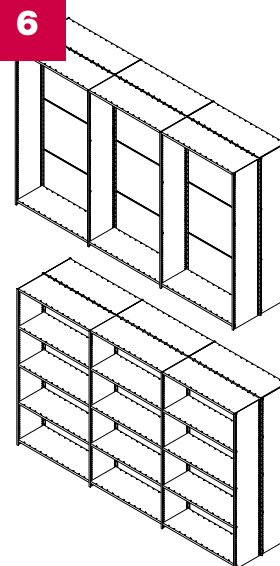
OPTIONAL:
Locate Base
Plate Shims



Stack to
level if
required



6



OPTIONAL: Floor Fixing

Read ALL instructions BEFORE commencing assembly ▼

IN CERTAIN SITUATIONS SHELVING SHOULD BE BOLTED TO THE FLOOR FOR ADDITIONAL SAFETY & STABILITY.

This applies to tall, shallow bays where the height (taken as the distance from the floor to the highest loaded shelf) to depth ratio exceeds 4:1.

Floor fixing into solid floors is achieved using expansion bolts (available separately - Part Number ARR6), passing through floor clips and base plate shims into pre-drilled holes in the floor (using one fixing per 'perimeter' floor clip).

IF IN DOUBT WHEN TO FLOOR FIX, CONTACT YOUR SHELVING SUPPLIER BEFORE COMMENCING ASSEMBLY.



STABILITY = HEIGHT TO DEPTH RATIO

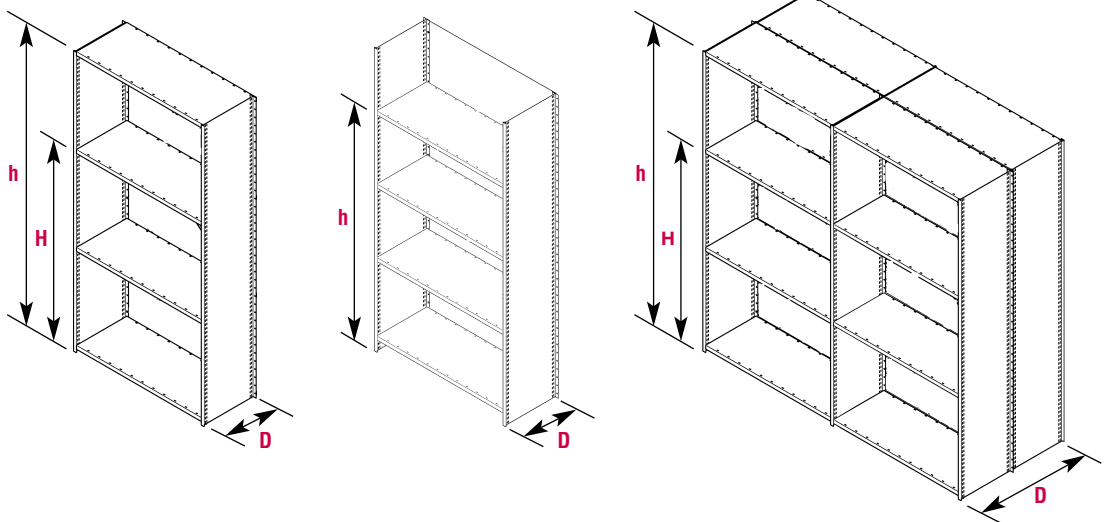


H:D greater than 4:1 = FLOOR FIXING RECOMMENDED
h:D greater than 4:1 = FLOOR FIXING RECOMMENDED

D = Depth

H = Height, floor to highest LOADED shelf, where top shelf is used as an UNLOADED dust cover

h = height, floor to highest loaded shelf, with top shelf loaded



FIXING METHOD

NOTE: Ensure the floor is of a suitable material, density and thickness to accommodate the expansion fixings.

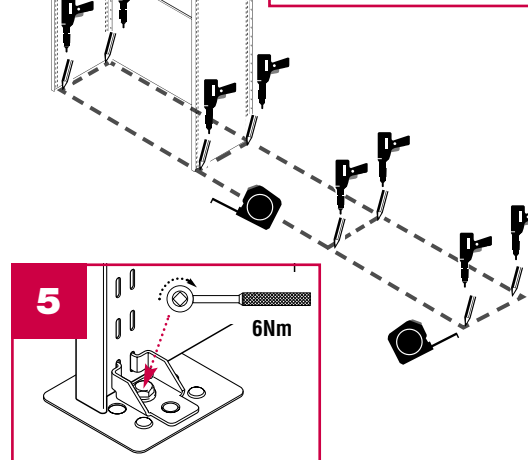
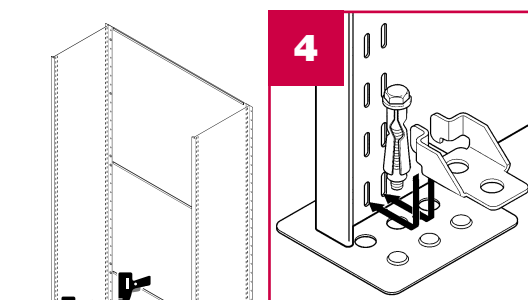
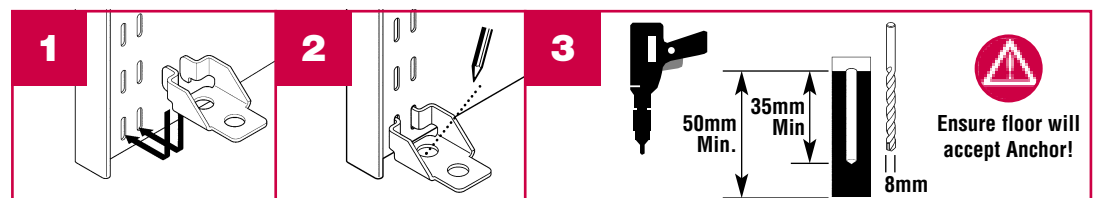
Orientate floor clips & base plate shims as shown.

Part-built bays with floor clips in place should be offered into position (1) the expansion fixing hole positions carefully marked (2) and pre-drilled (3) before bays are fully assembled in final position.

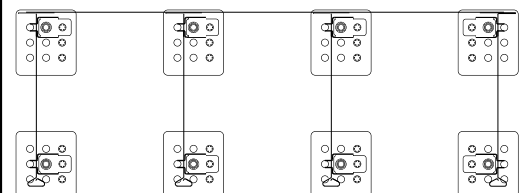
Locate floor clips and slot base plate shims into place. Bolt Floor clip & base plate shim assemblies down to the floor with expansion fixings, and tighten to the correct torque loading (4 & 5).



= Location of additional Floor Clips where H:D/h:D greater than 6:1



Single Depth Bays - orientation



Back to Back Bays - orientation

