

Stormor® Solo clad back bays

Guide to assembly



Information

If in doubt, contact the supplier.



Read this Guide thoroughly before commencing assembly and retain for future reference.



Before commencing assembly, unpack carefully and check that all components ordered are included.



Assembly should be undertaken by two competent people.



Tools

Assembly includes bolts, requiring appropriate spanner or socket.



Assess for floor fixing

Tall, narrow bays may require this to ensure stability



Dispose of packaging materials responsibly.



Caution

During assembly, ensure to:



Take care during assembly and in use, particularly when lifting or stretching and when using tools.



Assemble and locate for use on a suitable level floor surface. Allow adequate working space.



Warning

Rules for the safe use of shelving:



Ensure these instructions are retained for reference and that users are aware of the rules for safe use.



NEVER CLIMB ON THE STRUCTURE OR STAND ON SHELVES.



DO NOT LEAN OR SUPPORT LADDERS, STEPS OR OTHER OBJECTS AGAINST SHELVING.



ALWAYS USE SAFETY STEPS TO REACH HIGH SHELVES.



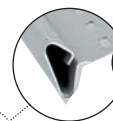
LOADING - Ensure that all loads are hand-loaded, safely & equally distributed across each shelf and evenly throughout a shelving bay when fully loaded.

When partially loaded, it is recommended that the lowest shelves are used first.

Do not allow upper shelves to be heavily loaded, whilst lower shelves are empty.

ENSURE THAT THE MAXIMUM LOAD CARRYING CAPACITIES ARE NOT EXCEEDED.

Shelving is safe when used responsibly
If in doubt, contact the supplier.



FRAME TYPE:
Solo 'delta' edge



Maximum safe loads for OPEN section shelves - 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	

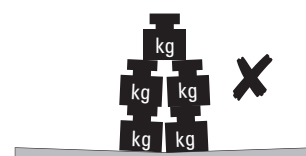
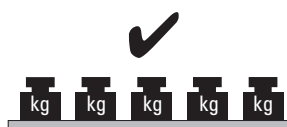
Maximum safe loads for BOX section shelves - E Duty *				
Shelf depth mm	Shelf width mm			
	900	1000	1250	
300	130kg	120kg	75kg	
370	130kg	120kg	75kg	
400	130kg	120kg	75kg	
450	130kg	120kg	75kg	

*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.



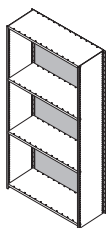
All capacities quoted are for the maximum uniformly distributed safe working loads in kgs.



Note: Illustrations not to scale.

Starter bays

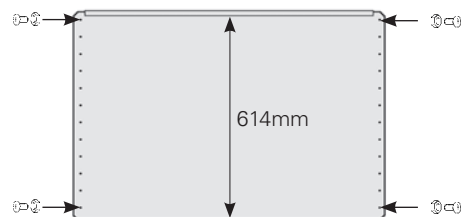
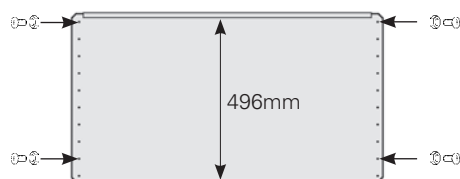
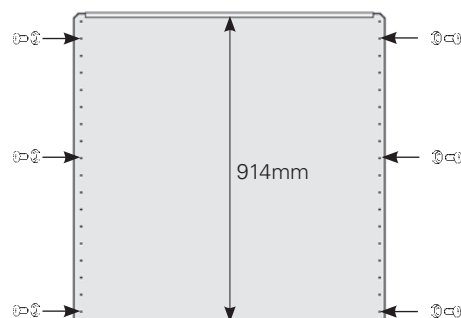
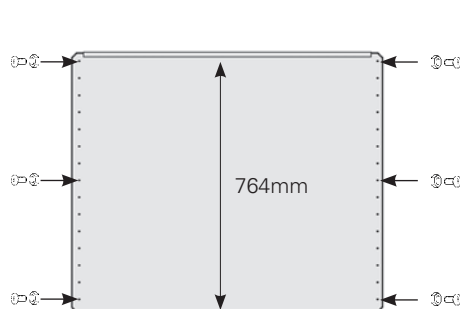
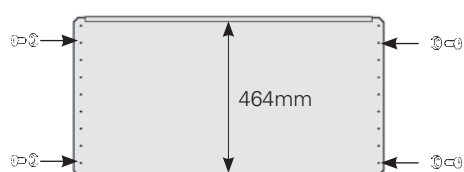
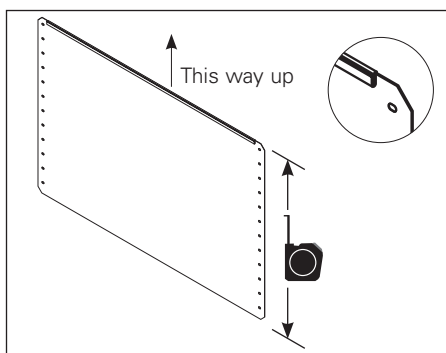
Starter bay



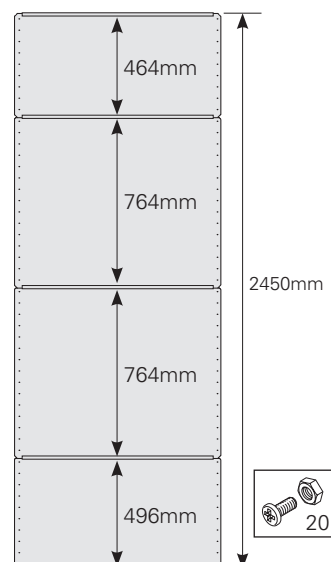
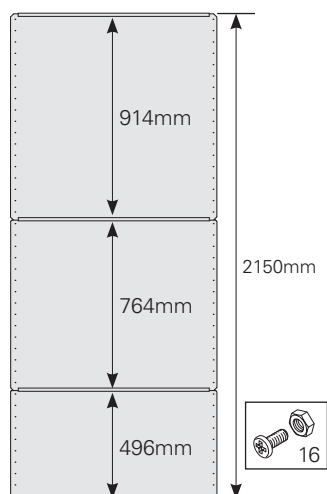
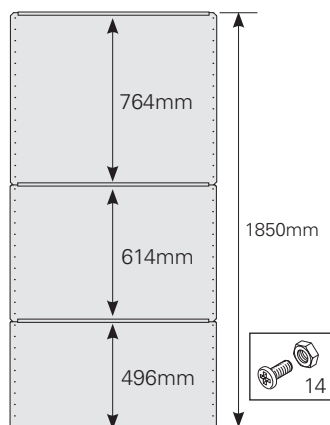
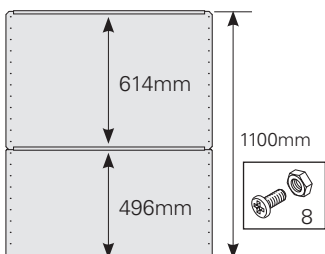
Read ALL instructions BEFORE commencing assembly

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.



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

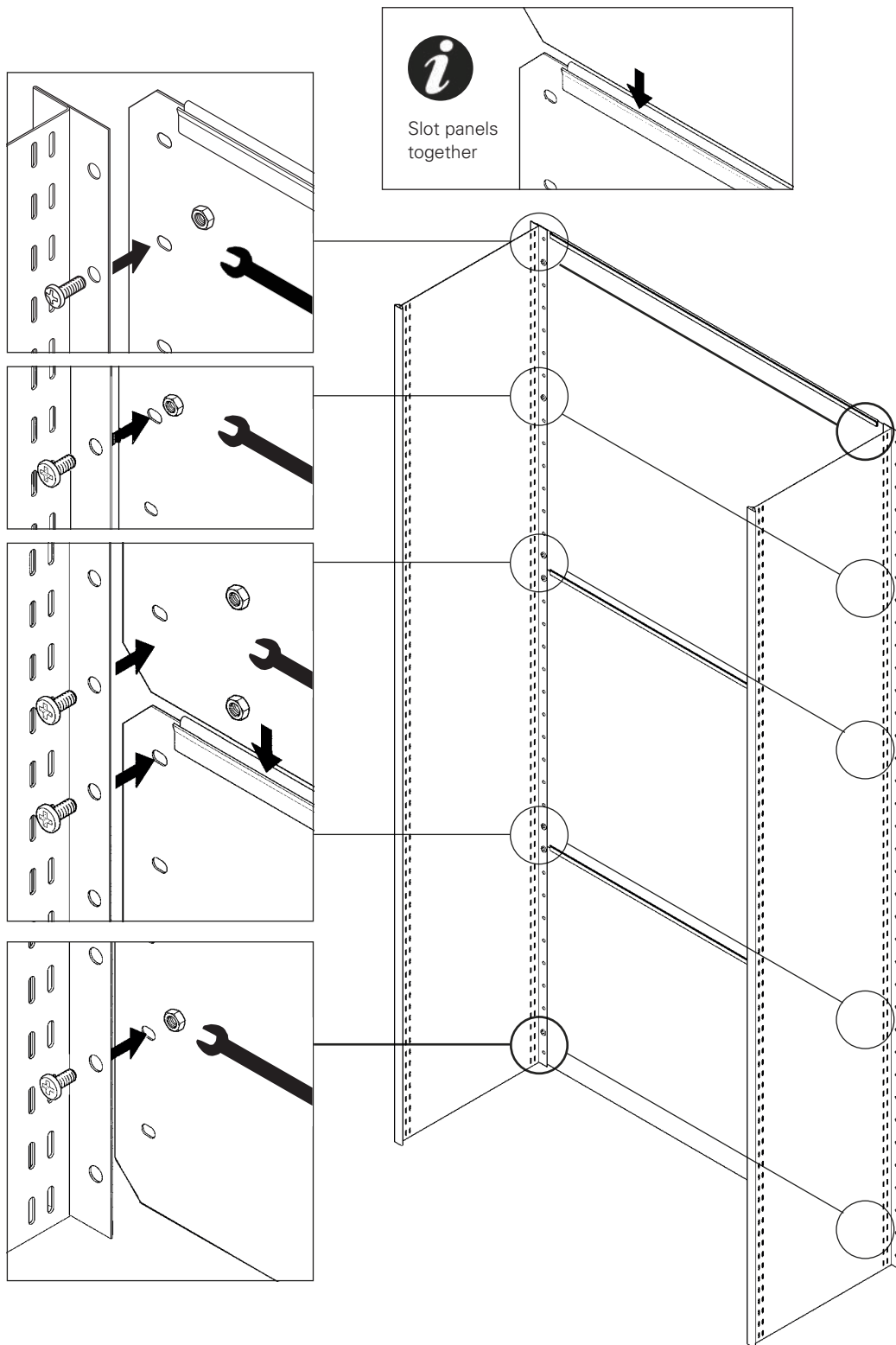


Starter bays

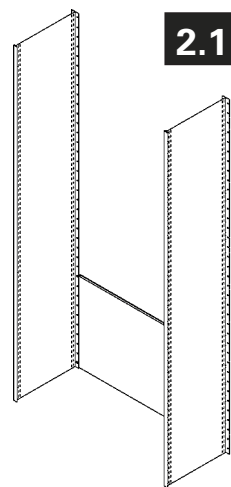
2

Bolt panels into place, working from the lowest panel upwards.

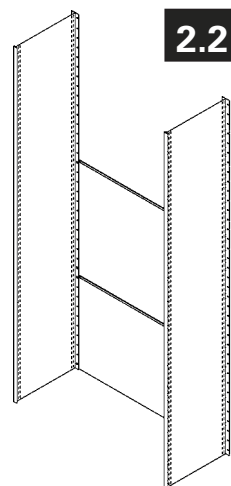
FULLY TIGHTEN ALL BOLTS - locate the correct number of nuts and bolts for each panel.



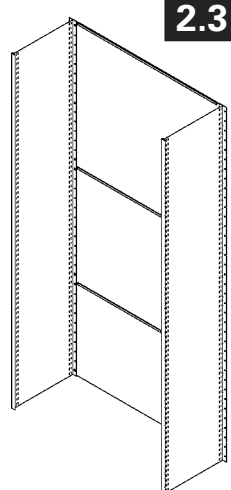
2.1



2.2

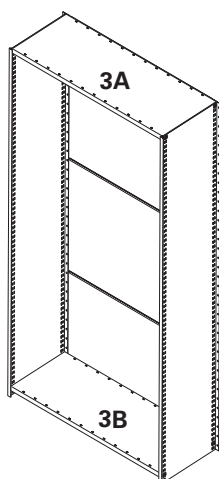


2.3



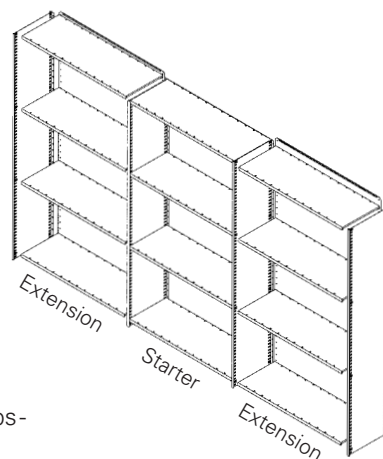
Starter bays

3

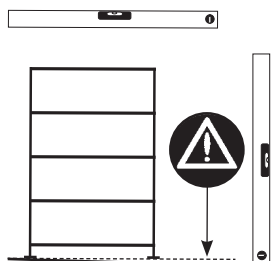


AT THIS STAGE:

- 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.

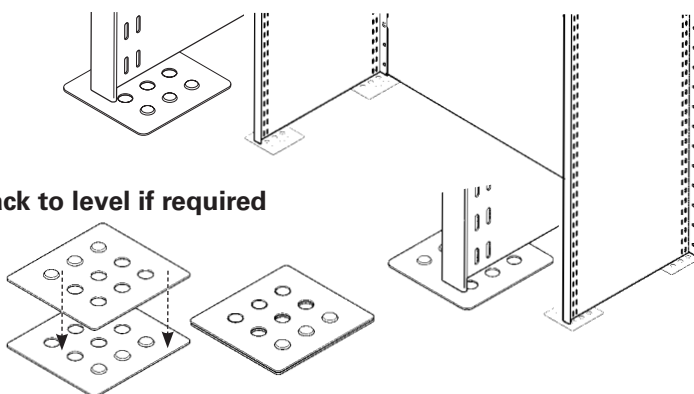


Check levels

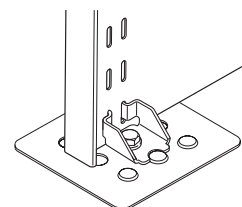


Optional: Locate base plate shims

Stack to level if required



Floor fixing (where necessary)



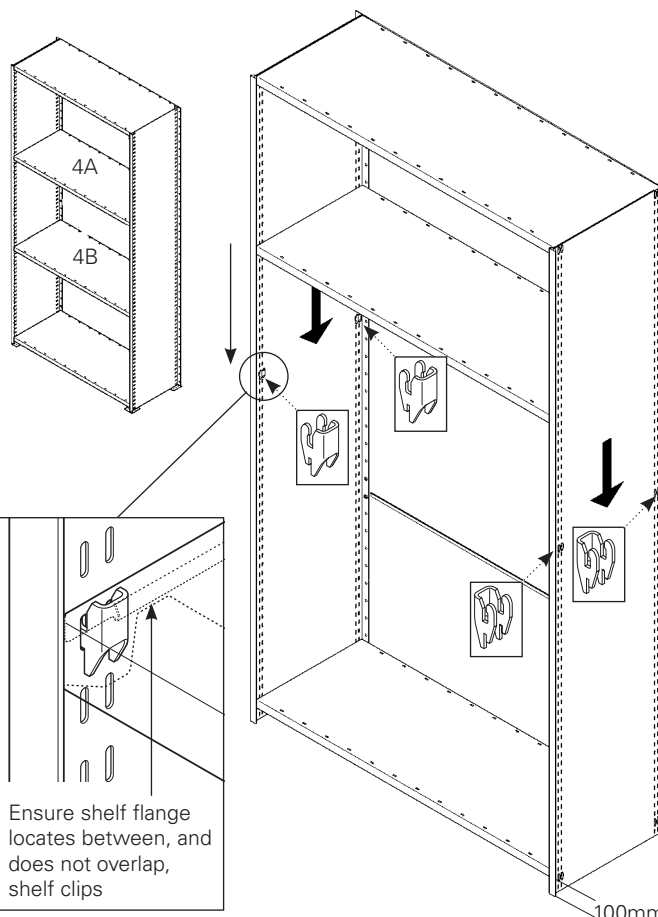
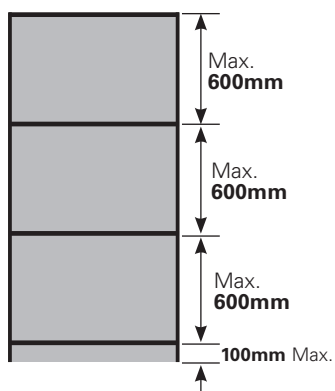
4

Shelf location.

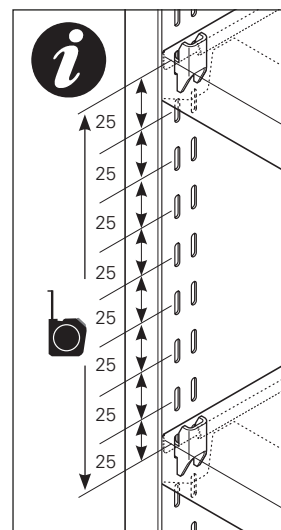


SHELF PLACEMENT

note maximum spacing!



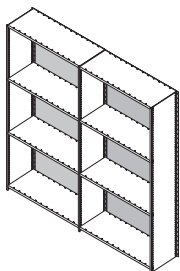
Ensure shelf flange locates between, and does not overlap, shelf clips



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

Extension bays

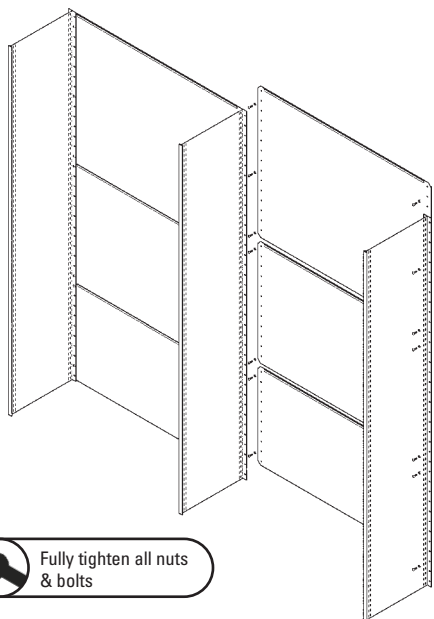
Extension bays



Read **ALL** instructions **BEFORE** commencing assembly

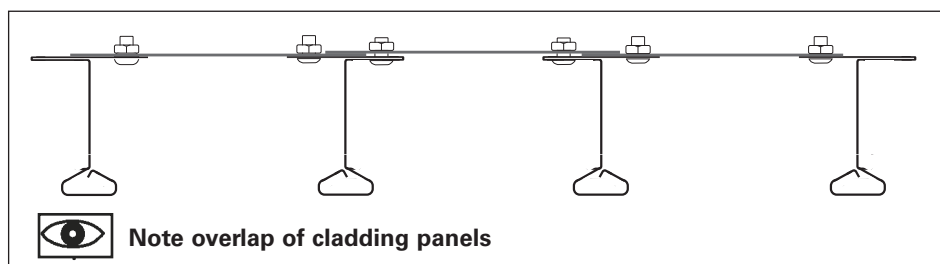
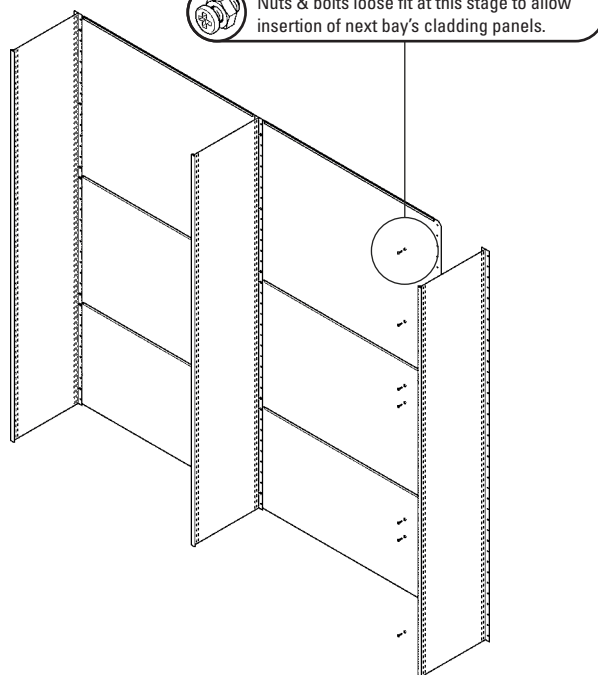
5. Each additional extension bay **MUST** have all cladding panels correctly fitted.
6. When adding more than one extension bay, follow assembly sequence indicated to allow for correct insertion and overlap of adjacent cladding panels.
 - **FULLY TIGHTEN ALL BOLTS**- use the correct number of nuts of bolts for each panel.
7. 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.
8. Locate top, base, then intermediate shelves - **NOTE PLACEMENT RULES IN STAGE 4.**

5

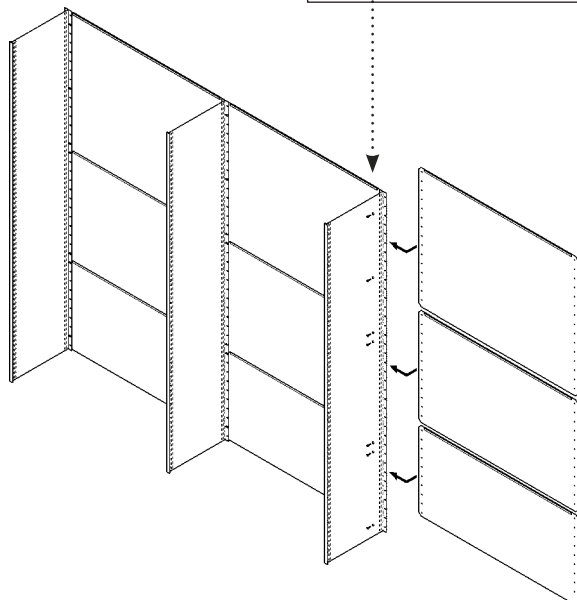


 Fully tighten all nuts & bolts

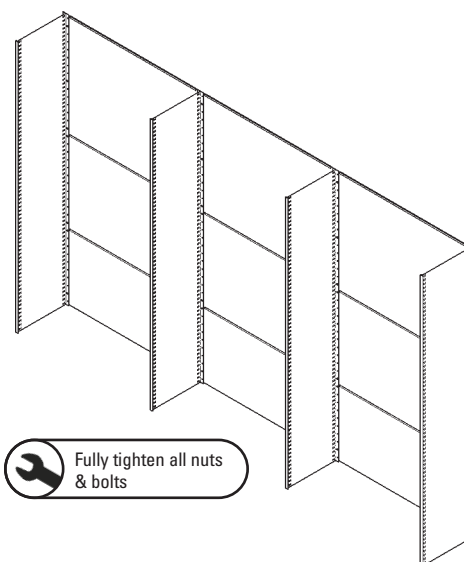
6a



6b



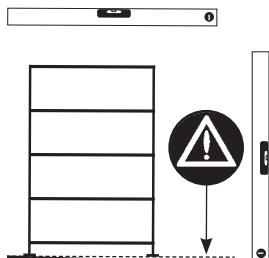
6c



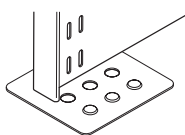
Extension bays

7

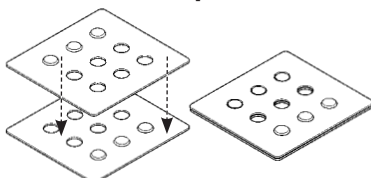
Check levels



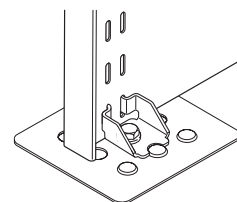
Optional: Locate base plate shims



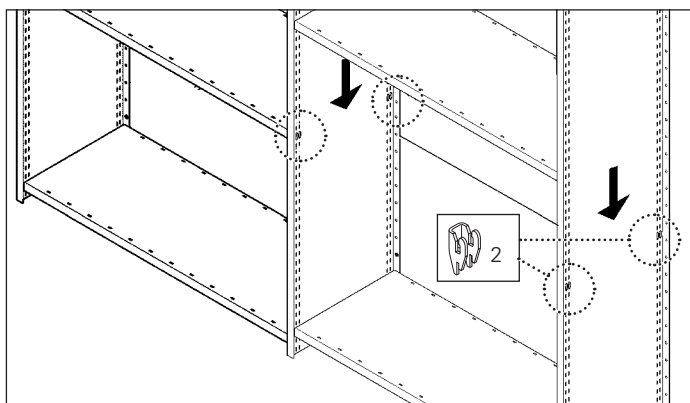
Stack to level if required



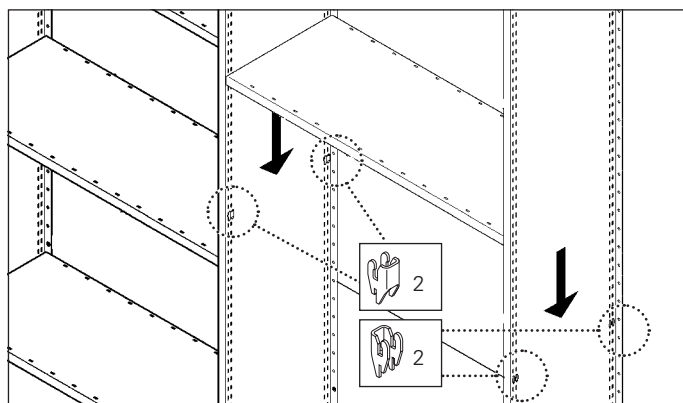
Floor fixing
(where necessary)



8



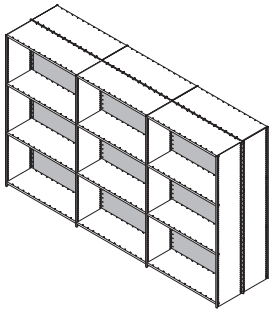
Shelves set at SAME height to shelves in adjacent bay require 2 clips.



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

Back to back bays

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, see page 2.

2. Bolt panels into place, working from the lowest panel upwards, locating the correct number of nuts or 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.

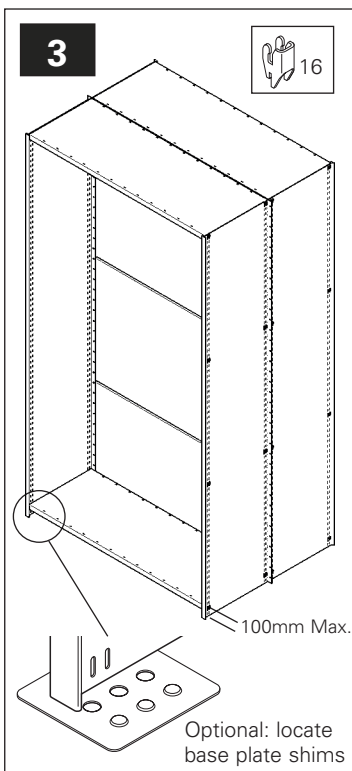
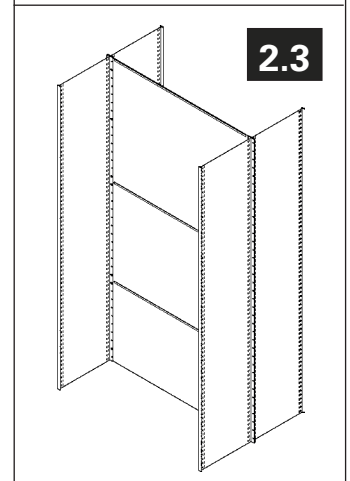
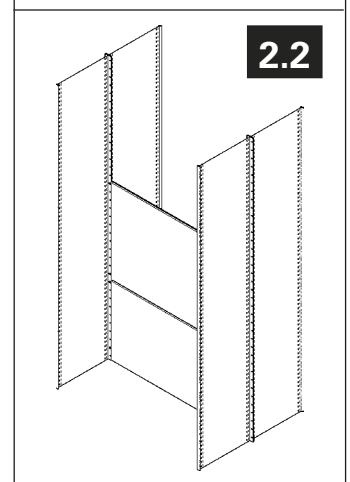
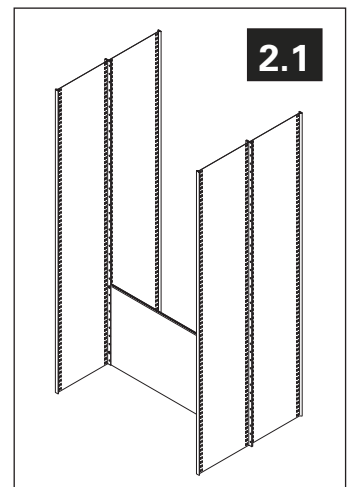
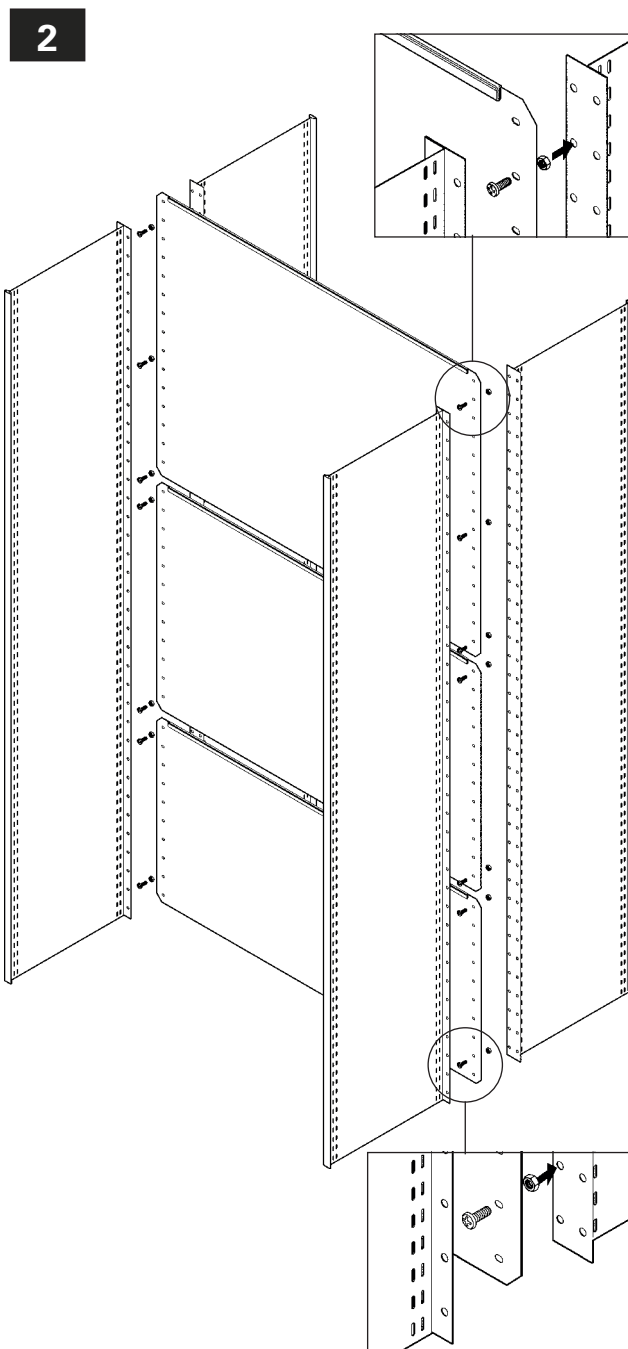
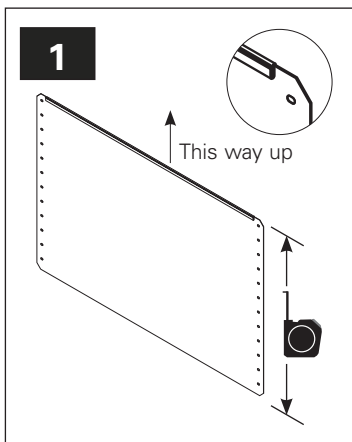
LEAVE NUTS & BOLTS LOOSE TO ALLOW INSERTION OF PANELS, THEN TIGHTEN FULLY.

5. With clad bays in final position, locate base plate shims (optional).

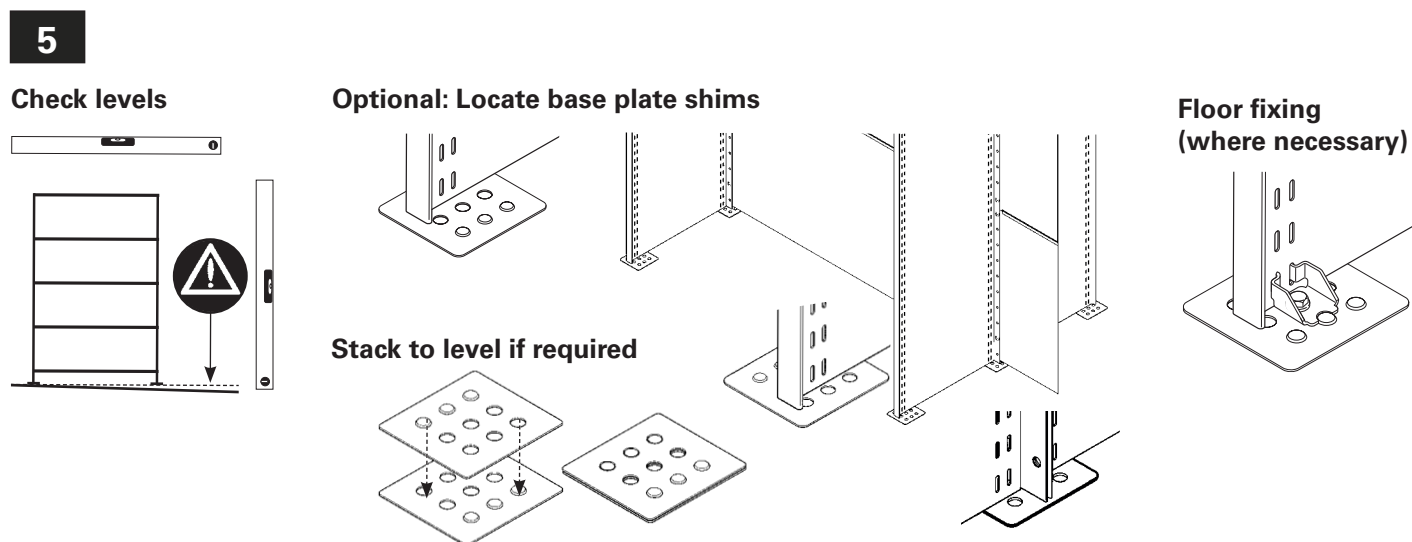
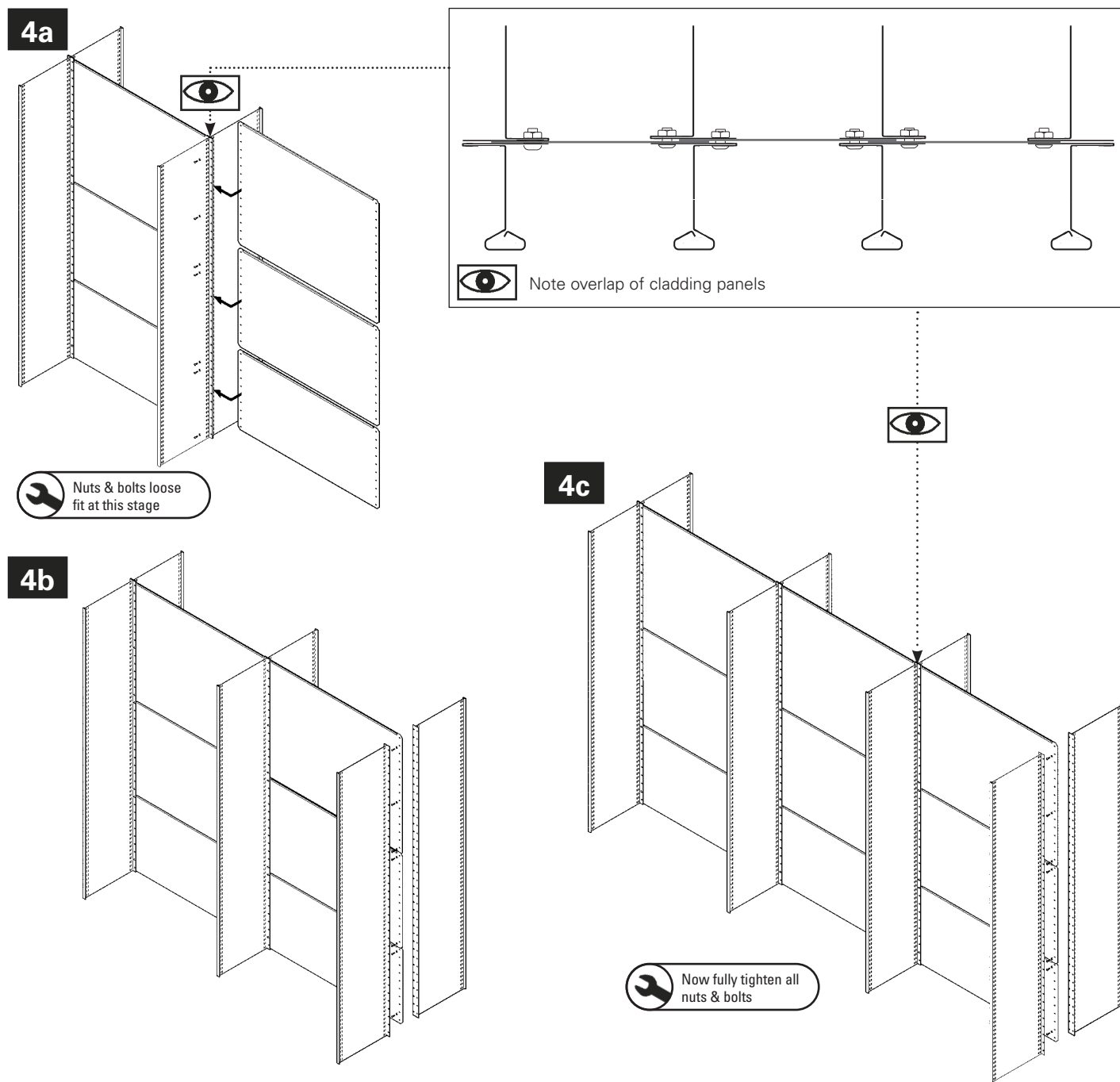
■ Check levels and shim bays if required.

■ 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.**

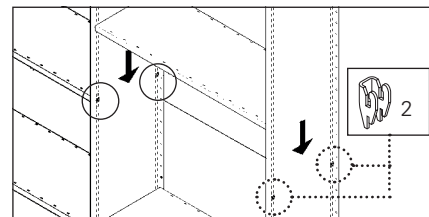
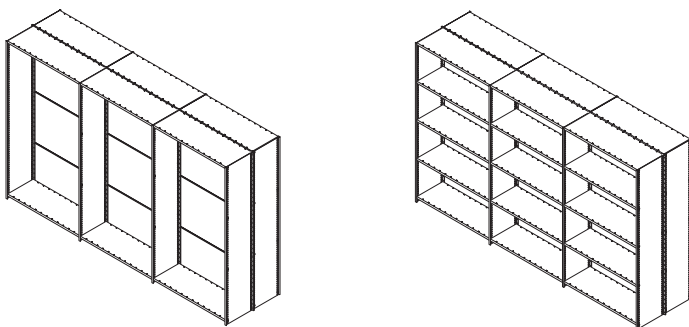


Extension bays

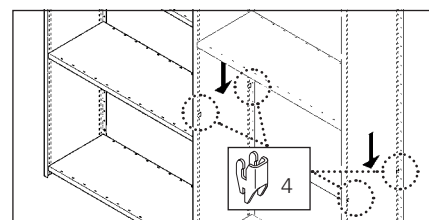


Floor fixing

6 Locate top, base, then intermediate shelves.

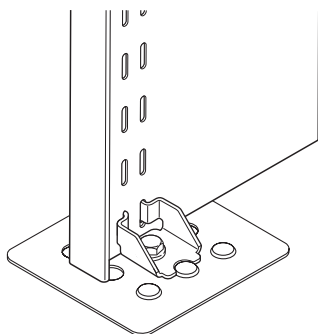


i Shelves set at **SAME** height to shelves in adjacent bay require 2 clips.



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

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.

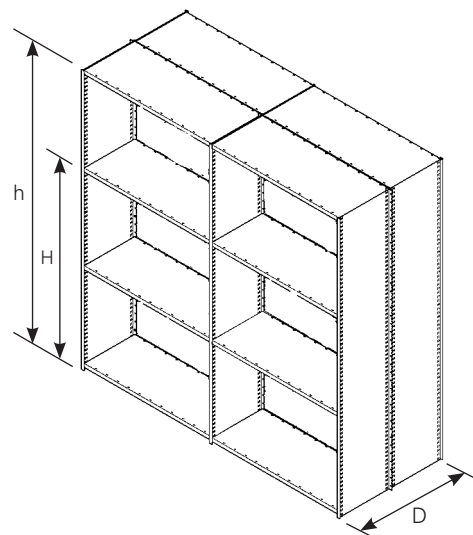
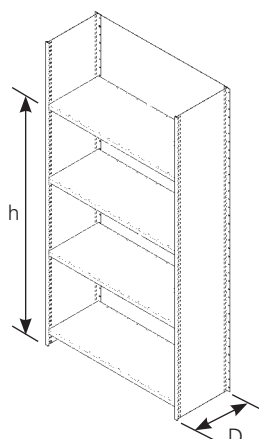
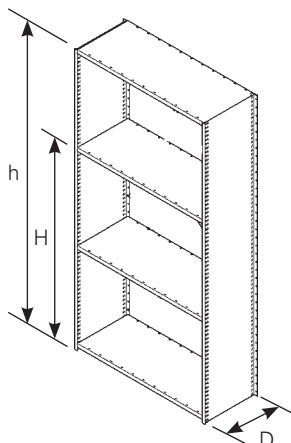
i **Stability = Height to depth ratio**

⚠ 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.



Floor fixing

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 predrilled (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).

