

# Guide to Assembly & Usage

## Mecalux Longspan Shelving

### Information

If in doubt, contact the supplier

Read this Guide thoroughly before commencing assembly & retain for future reference

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

Assembly should be undertaken by two competent people

Tools – Large rubber mallet, metal hammer, drill & 12mm drill bit, 17mm socket

Assess for floor fixing. Tall narrow bays may require this to ensure stability

We recommend products over 2000mm high are fixed to the wall where possible

### Caution

During assembly, ensure to:

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

Wear appropriate safety clothing – protective gloves & footwear are recommended

Build on a suitable level floor, which is strong enough to support the load and allow adequate working space

Dispose of packaging materials responsibly

### Warning

Rules for the safe use of shelving:

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

NEVER CLIMB ON THE STRUCTURE OR STAND ON THE SHELVES

DO NOT LEAN OR SUPPORT LADDERS, STEPS, OR OTHER OBJECTS AGAINST SHELVEING

Always use safety steps to reach high shelves

Do not use in damp or wet conditions

Load heavy items on the lower shelves & lighter items on the higher shelves

This product is designed for hand loading only

ENSURE THAT THE MAXIMUM LOAD CARRYING CAPACITIES ARE NOT EXCEEDED

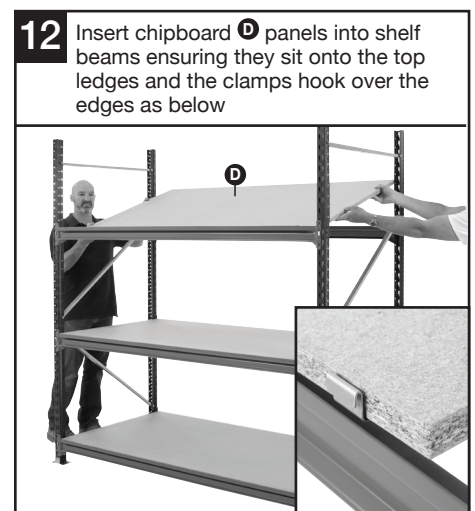
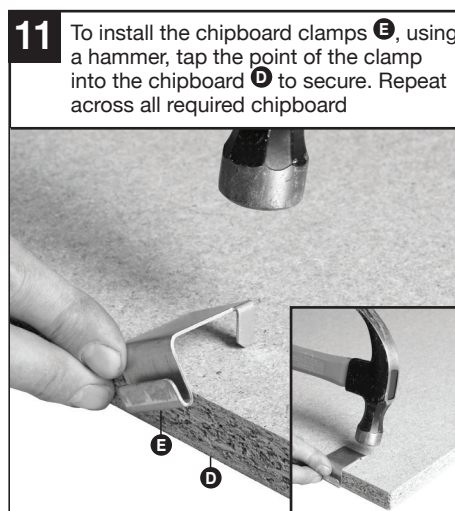
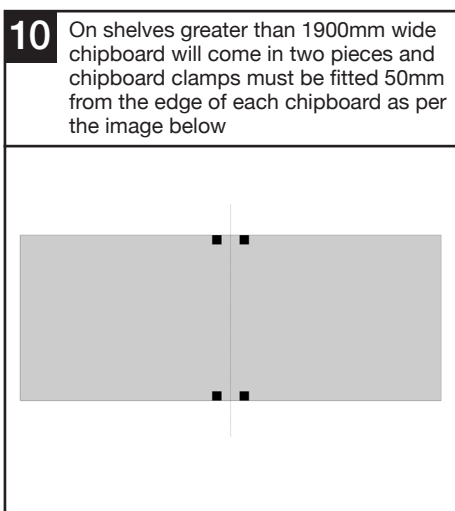
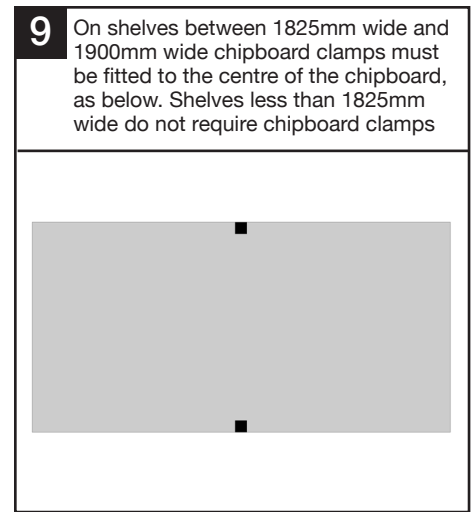
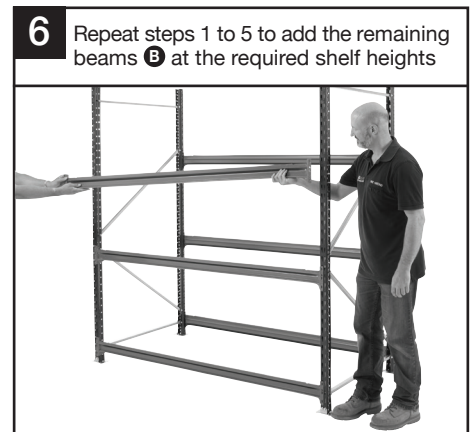
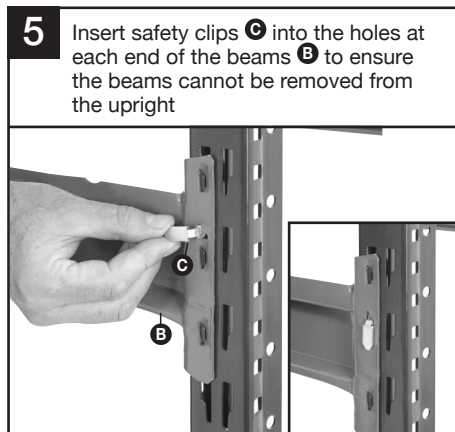
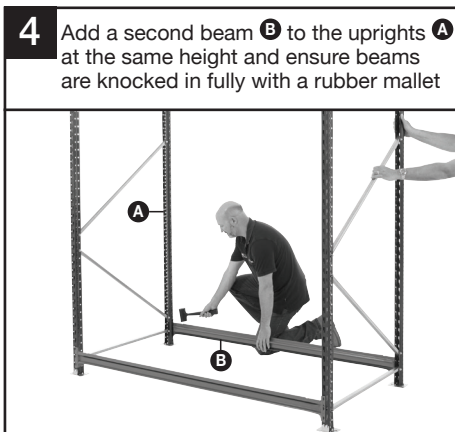
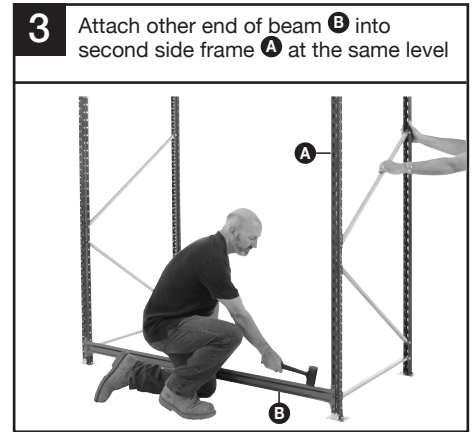
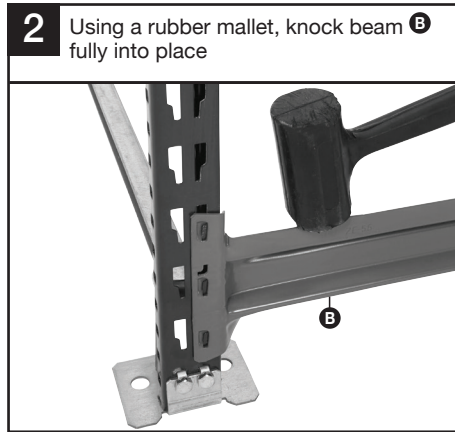
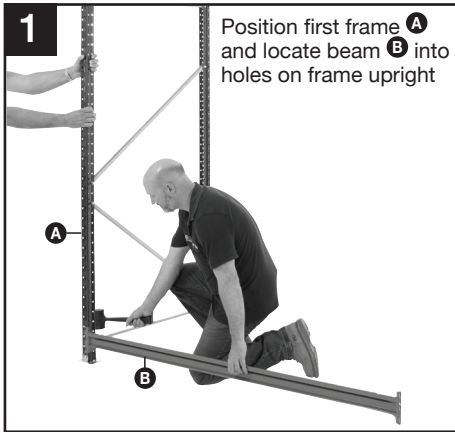
PLEASE REFER TO THE LOADING CHART SUPPLIED FOR DETAILS



COMPONENT CHECK LIST		
Component		Quantity
<b>A</b> Assembled Frame		2 per starter bay, 1 per extension bay
<b>B</b> Shelf Beam		2 per level
<b>C</b> Beam safety clip		2 per beam
<b>D</b> Chipboard deck		less than 1900mm wide: 1 per level 1900mm wide or greater: 2 per level
<b>E</b> Chipboard Clamp		2 per chipboard deck
<b>F</b> Levelling Plate		1 per foot
<b>G</b> Floor Fixing		1 per foot

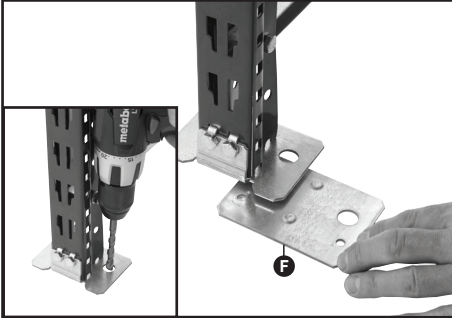
If you have any missing components please take note of the part name and contact your supplier

# Assembly - Mecalux Longspan Shelving

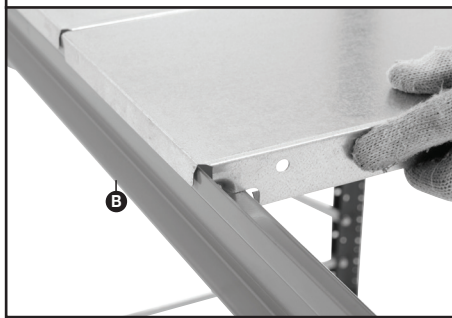


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**13** Before fixing to the floor, ensure shelving is straight and level. Drill floor to 100mm depth and add levelling plates **F** if needed



**14** For optional galvanised steel shelves, insert each panel onto the beams **B** ensuring the lips hook over the edges as below



**15** When inserting each panel ensure that wider panels are used at the ends of the shelves and narrower panels are used towards the centre



## Loading information

### Mecalux Longspan Shelving

#### Bay Loading Capacities

For maximum stability we recommend shelving runs consisting of a minimum 3 beam levels per bay and 3 bays in length. Fixing to the floor is also recommended, especially for taller frames or in areas of high traffic. Load capacities will vary according to the clear height between each beam level as shown in the table below:

Clear height between beams (mm)	250	500	750	1000	1250	1500	1750	2000	2250	2500
Load capacity per frame (kg)	4340	4060	3850	3600	3240	2800	2300	1920	1560	1320
Load capacity per bay (kg)	2170	2030	1925	1800	1620	1400	1150	960	780	660

For configurations outside of these specifications the load capacity may be reduced.

#### Shelf load capacities

Maximum permitted shelf capacities detailed below are based on uniformly distributed loads (UDL). Please note that the frame capacity may limit the maximum load per bay.

Shelf size (w x d mm)	1200 x 600	1825 x 600	1900 x 600	2225 x 600	2300 x 600	2700 x 600
Load capacity with 22mm Chipboard decks (kg)	590	850	810	710	775	550
Load capacity with Chipboard decks & 2 x Shelf Supports (kg)	590	850	810	710	775	550
Load capacity with galvanised steel shelf panels (kg)	590	850	810	710	746	550

Shelf load capacities table continued:

Shelf size (w x d mm)	1200 x 900	1825 x 900	1900 x 900	2225 x 900	2300 x 900	2700 x 900
Load capacity with 22mm Chipboard decks (kg)	200	300	300	400	400	450
Load capacity with Chipboard decks & 2 x Shelf Supports (kg)	590	850	810	710	775	550
Load capacity with galvanised steel shelf panels (kg)	590	500	500	600	650	450

**IF YOU ARE IN ANY DOUBT REGARDING LOAD CAPACITIES, PLEASE CONTACT YOUR SUPPLIER**

<sup>†</sup>UDL = Uniformly Distributed Load