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ASSEMBLY INSTRUCTIONS

INSULATED FLATPACK STORE



Assembly instructions for 3m and 4m insulated stores

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TOOLS & COMPONENTS





INSTALL PARTS

All of the hardware parts (+ spares) needed for assembling your insulated flatpack are included in the parts box

These include:

- M12 Washers
- M10 Nuts
- M10 x 20mm Bolts
- M5 x 15mm Screws
- 2 x C Type Door Handles

REQUIRED TOOLS

Flatpack units are designed for easy assembly, you will only need the following tools:

These include:

- PZ2 Screwdriver
- 16mm Socket set
- Spirit Level
- Minimum 5-tread stepladder
- Work Gloves

PANELS & WEIGHTS

Portable Space insulated flatpack stores are comprised of 6 panels and 4 corner posts that are light enough to be lifted by hand. The roof panel on insulated stores are heavier than our standard flatpack range and you may need several additional people to help lift this into place.

3M FLATPACK STORE	4M FLATPACK STORE
Flatpacked 597kg	**Flatpacked 715kg**
Rear Panel 41.5kg x1	Rear Panel 41.5kg x1
Side Panel 58kg x2	Side Panel 76kg x2
Door Panel 97kg x1	Door Panel 97kg x1
Roof Panel 139kg x1	Roof Panel 178kg x1
Base Panel 164kg x1	Base Panel 207.5kg x1
Corner Post 7kg x4	Corner Post 7kg x4

LEVEL BASE

It is important that your flatpack is assembled on a level surface. An uneven base can cause difficulties during assembly and may lead to the door becoming misaligned, affecting how it opens, closes, and locks.

A concrete base offers the most stable and durable solution. Our eco foundation pads or paving slabs provide simple and effective alternatives. If unsure, please contact our team who can help discuss options and find the best solution for you.

FLATPACK ASSEMBLY - 1. UNPACKING



1.1 The store arrives in flat pack form. If delivered by HIAB lorry, request offload as close to the build area as possible.



1.4 Remove the metal plates from the locating pin holes on the floor panel. These parts are not used for assembly, but you may want to keep for future repackaging.



1.2 Remove the bolts from the top and bottom of each of the four corner brackets.



1.5 If you need to relocate the base, do so at this stage. Before beginning assembly, use a spirit level to ensure the base is completely level.



1.3 Lift off the top roof panel, remove the wooden protection boards and lay all the panels out for easy access. The packaging can be disposed of after assembly; however you may wish to retain it if you plan to re-flatpack the unit in the future.



TIP Eco Foundation Pads, or equivalent, can be used to make adjustments to get a level base.

FLATPACK ASSEMBLY - 2. DOOR PANEL ASSEMBLY



2.1 Decide which short side of the base will be the front of the unit (door panel). Starting at either corner of that side, place a post against the edge of the base.



2.2 Once positioned, fit 4x M10 bolts and washers to Secure the post to the base.



2.3 Lift the door panel to the front of the base aligning with the corner post.



2.4 Align the 4 locating pins with the holes in the base to slot the door in. No bolts are needed to secure this panel.



2.5 Temporarily place one of the 3-prong L shaped brackets onto the corner post to secure the door panel.



2.6 Install a corner post to the opposite end of the door panel, bolting into position with the M10 bolts and washers. Add another 3-prong bracket to this post too.

FLATPACK ASSEMBLY - 3. WALL PANEL ASSEMBLY



3.1 Remove one of the temporarily fitted 3-prong brackets, and install a side panel by aligning and slotting it into the locating pins.



3.2 Now fit the 3-prong L shape bracket back into position to secure the side and door panel with the corner bracket.



3.3 Repeat the process for the next corner post and end panel. Do not install the final corner post yet.



3.4 Now install the final side panel, ensuring the locating pins are fully slotted into the holes so the panel is level.



3.5 For the last corner post, slide the post from above, down until its slots into position and bolt to secure.



3.6 Make sure all the 3-prong L shape brackets are installed on each corner.

FLATPACK ASSEMBLY - 4. ROOF ASSEMBLY



4.1 Before fitting the roof, slot the rain guard over the door panel. This will be secured in place when the roof is on.



TIP The roof can be lifted on from either the short or long side depending on what surrounding space you have





4.3 Once the roof panel is lifted up to the panel, slide it across until it slots over all four walls. Please keep fingers clear at this point as it can lock down unexpectedly.



4.2 Next fit the roof panel, making sure the ID plate is at the door end. You may need additional people to help lift this on.



4.4 Now attached the lifting eyes with the M10 bolts to secure the roof.

FLATPACK ASSEMBLY - 5. FINAL FITTINGS



5.1 Use a 16mm socket to check that all the bolts are firmly tightened.





5.2 Fit the handles onto the inside and outside of the door using the screws provided.



5.3 Using a sharp knife, gently cut around each wall panel and peel the protective film off both the inside and outside of the panels.



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