

KIT BUILDINGS UK

MR055 / 0122

JORISIDE
THE STEEL FUTURE

KIT BUILDINGS

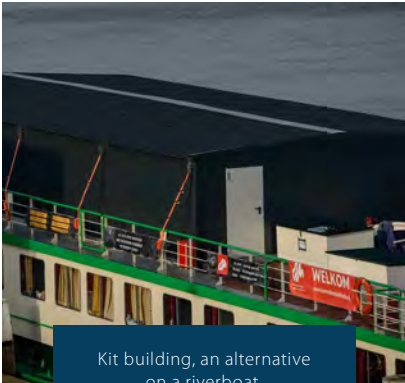
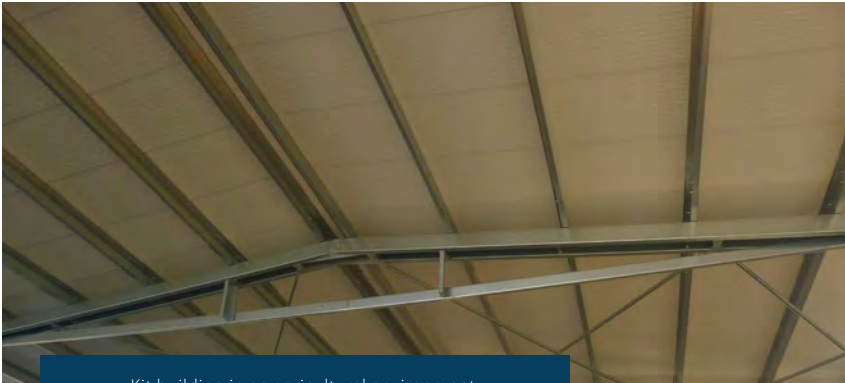
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UK

Standard measurement

- 6 x 6 x 4,5 with possible extension 6 m length
- 8 x 6 x 4,5 with possible extension 6 m length
- 10 x 6 x 4,5 with possible extension 6 m length
- 12 x 6 x 4,5 with possible extension 6 m length



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UK KIT - Assembly Directions

Connection Pieces

Please find below an overview of the required connection pieces. All connection pieces will be delivered with bolts. The bolts have a diameter of 12 mm and a length of 145 mm. Drilled holes have to be 16mm diameter and 110mm deep. The provided holes in the footpieces have a diameter of 20 mm. Other bolts can be used, but on own supply.



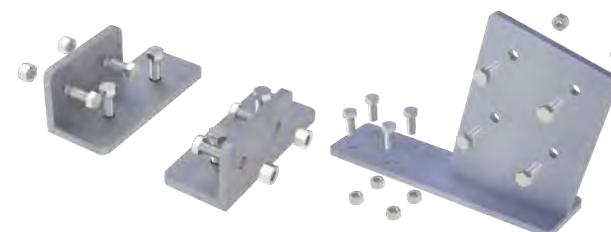
Footpiece



Framepiece

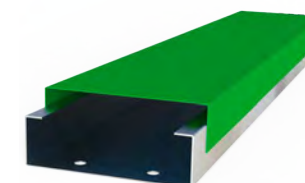


Ridgepiece



Left and right L brackets

Piece for tensile bar



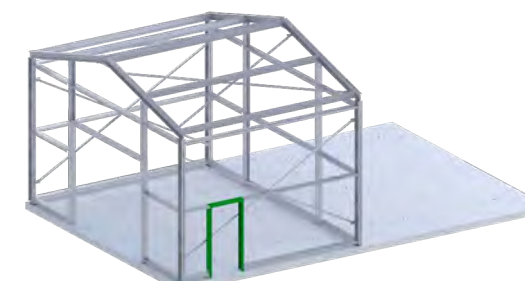
Finishing C profiles



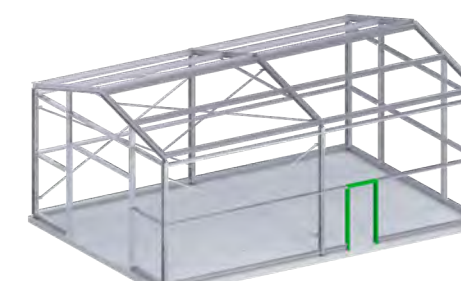
Windbracing piece
If windbracings are in front of a door or window: windbracing is allowed to be removed after the panels are attached to the frame.



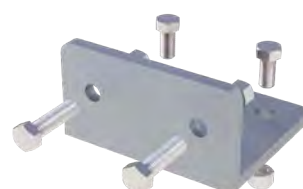
L piece



The door can be placed in 4 different positions: left front, left back, right front, right back.



Doors can be placed only in the shortest frame (baseframe). If the door is required in the backframe, an additional frame has to be assembled.



L bracket



Flat distance keeper piece



Small L footpiece



Angled piece

UK KIT - Assembly Directions

Basic KIT 8 x 6

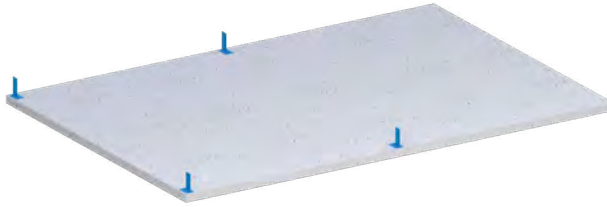
Step 1

Foresee a flat concrete floor that has the following measurements: At least 100 mm extra length and width compared to the steel structure. (50 mm on each side) Thickness: 180 mm



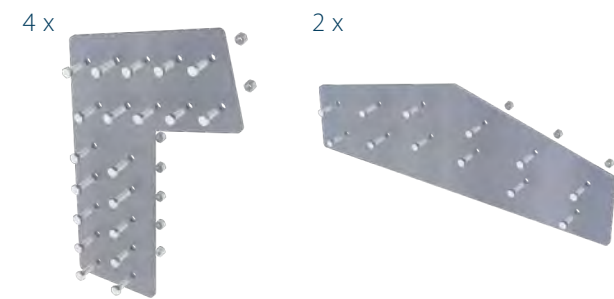
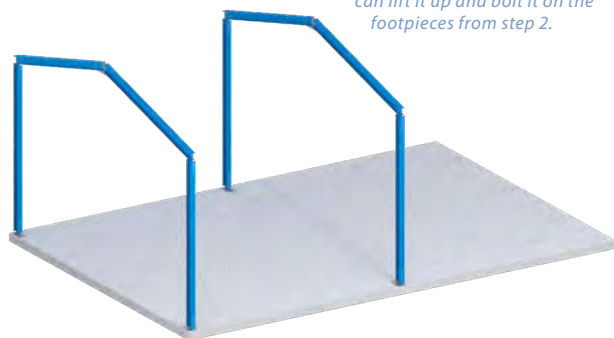
Step 2

Use 4 pieces for assembly which are the base of the frames. These pieces are marked "Foot" and are identical.



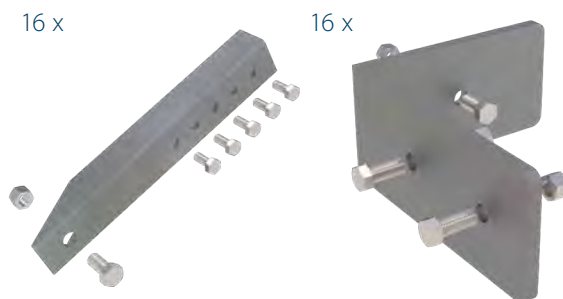
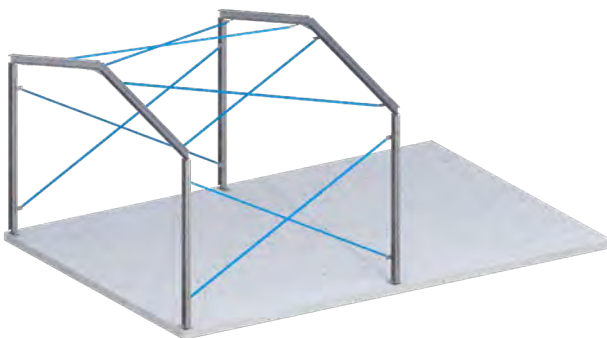
Step 3

Assemble the Frames on the floor. Each frame consists of 8 profiles where the wall profiles are identical and the roof profiles are identical. To connect the wall and roof profiles you need 2 frame pieces and 1 ridgepiece. After the frame is assembled, you can lift it up and bolt it on the footpieces from step 2.



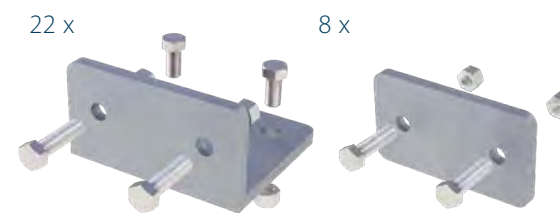
Step 4

Now we connect the 2 frames with the windbracing so it is stable. For this we need to attach a windbracing piece to each side of a railprofile. These windbracing pieces then have to be bolted onto the L pieces that are assembled between the frames.



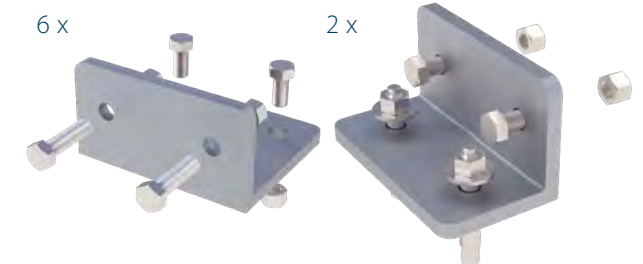
Step 5

We can now assemble the wall and roof purlins using the L brackets. Very important: do not forget to place the flat distance keeper pieces between the frames where possible, this makes the frames even stronger.



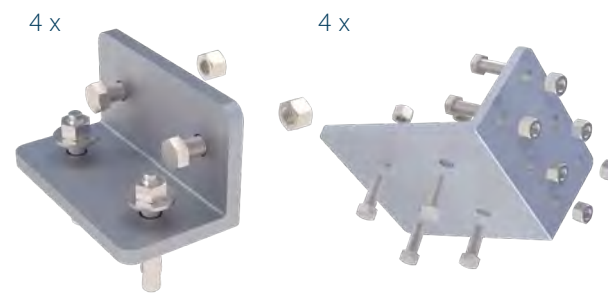
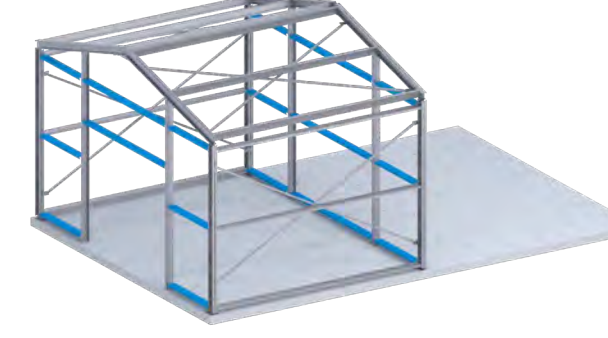
Step 6

To connect the door frame you will again need the L brackets, as well as the small L footpieces which have bigger holes for the anchor bolts. Note: if there is no door to be placed, you can replace this step with placing another purlin at the bottom similar as in the previous step.



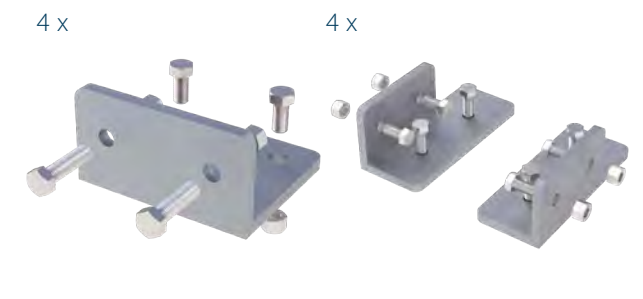
Step 7

The next step is to setup the gable columns, this requires 4 identical purlins that are placed vertical, connected at the bottom with the same footpieces as in the previous step. At the top these are assembled to the frame using an angled piece.



Step 8

To finish the steel frame we place the rest of the purlins in the gables, therefore we use the standard L pieces again to connect towards the single columns, and the left and right L brackets to connect to the frames. Note: there is a roller shutter door opening foreseen.*



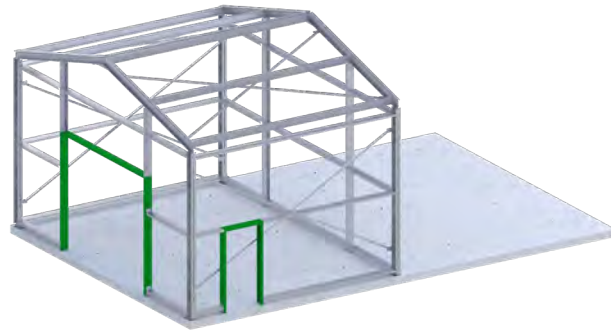
* The windbracing pieces behind the roller shutter door can only be removed, when the total setup of the building with insulated panels have been finished.

UK KIT - Assembly Directions

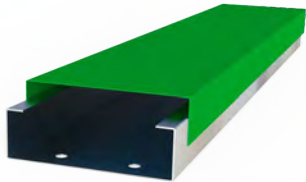
Basic KIT 8 x 6

Step 9

Attachment of 6 finishing profiles (C) which have to be screwed at the inside of the door and gate openings. This makes sure the inside of these profiles aren't visible.



6 x



Roof and wall with final sandwich panels.



Kit with wooden-look profiles.



First steps of build up.



Quick and colourful solutions.

UK KIT - Assembly Directions

Basic KIT + Extension 8 x 12

Step 1

Foresee a flat concrete floor that has the following measurements: At least 100 mm extra length and width compared to the steel structure. (50 mm on each side) Thickness: 180 mm



Step 2

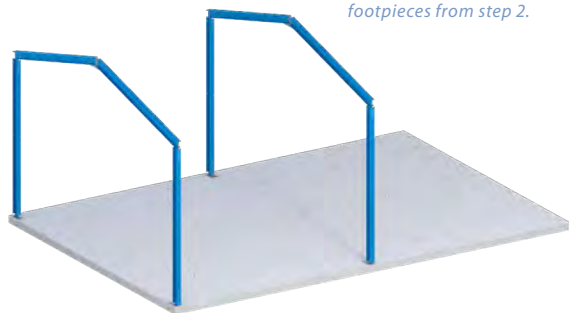
Use 4 pieces for assembly which are the base of the frames. These pieces are marked "Foot" and are identical.



4 x

Step 3

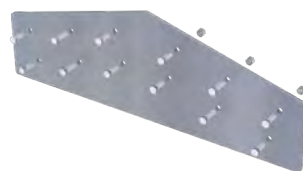
Assemble the Frames on the floor. Each frame consists of 8 profiles where the wall profiles are identical and the roof profiles are identical. To connect the wall and roof profiles you need 2 frame pieces and 1 ridgepiece. After the frame is assembled, you can lift it up and bolt it on the footpieces from step 2.



4 x

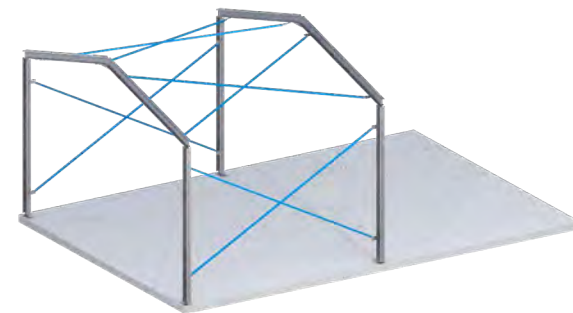


2 x



Step 4

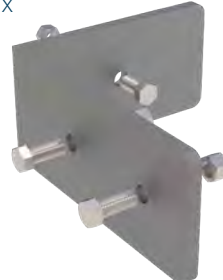
Now we connect the 2 frames with the windbracing so it is stable. For this we need to attach a windbracing piece to each side of a railprofile. These windbracing pieces then have to be bolted onto the L pieces that are assembled between the frames.



16 x

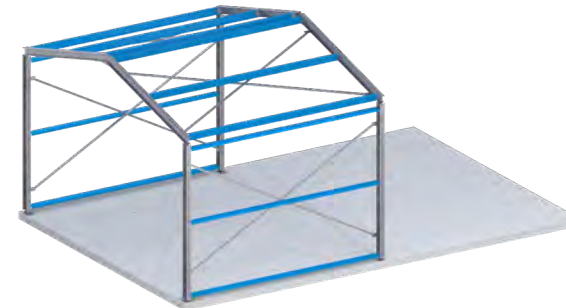


16 x



Step 5

We can now assemble the wall and roof purlins using the L brackets. Very important: do not forget to place the flat distance keeper pieces between the frames where possible, this makes the frames even stronger.



22 x

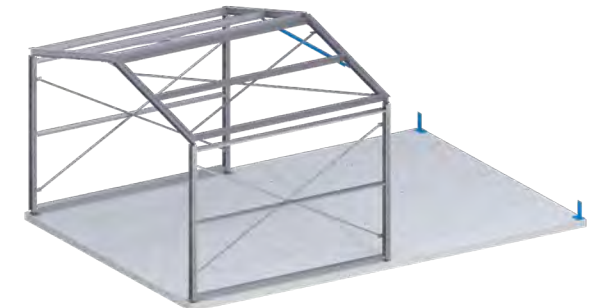


6 x



Step 6

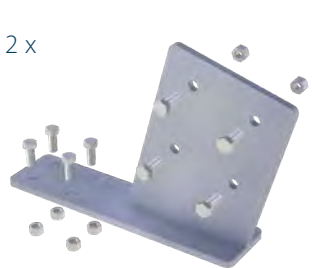
After the first 2 frames are stable and connected, we can place the footpieces of the final frame. Here we also place a horizontal purlin in the middle frame to strengthen the structure even more. This requires 2 pieces where a C profile is bolted onto.



2 x

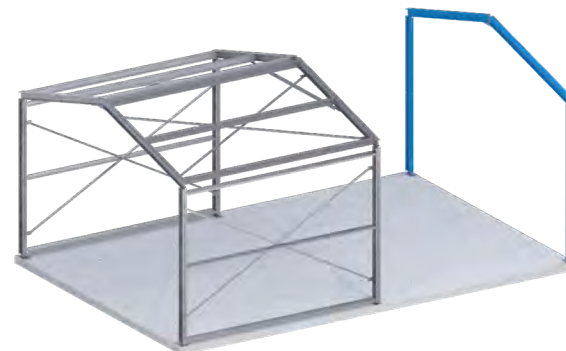


2 x



Step 7

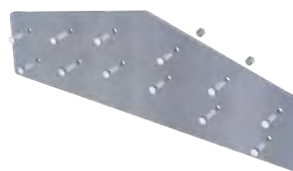
We can now set up the last frame just as we did in step 3. Using the same pieces and purlins.



2 x

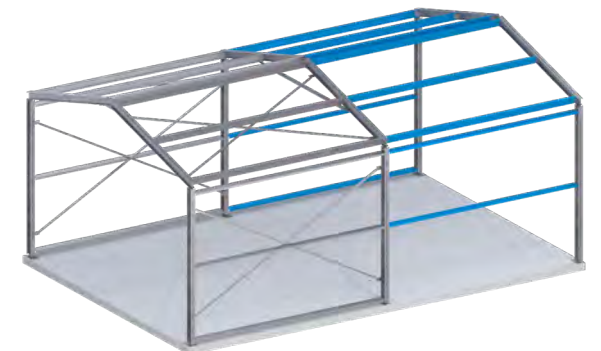


1 x

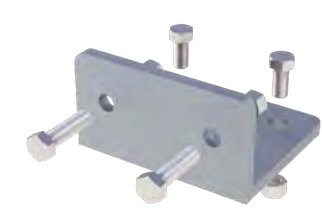


Step 8

The last step in setting up an extension frame is connecting it to the main frame. Here we use the standard L brackets and flat pieces again, similar as in step 5



24 x



4 x

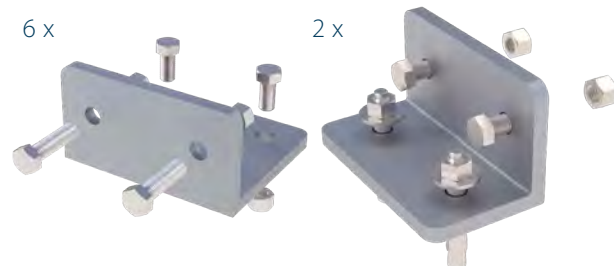
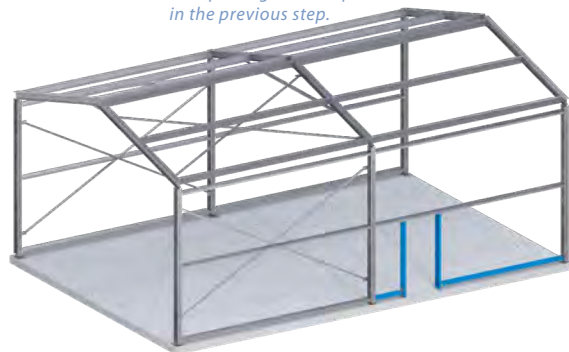


UK KIT - Assembly Directions

Basic KIT + Extension 8 x 12

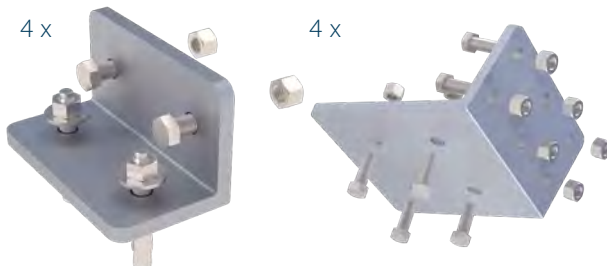
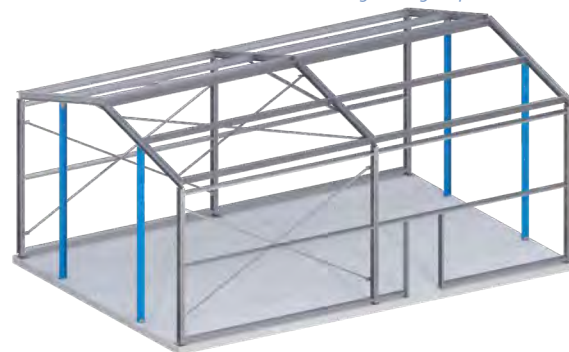
Step 9

To connect the door frame you will again need the L brackets, as well as the small L footpieces which have bigger holes for the anchor bolts. Note: if there is no door to be placed, you can replace this step with placing another purlin at the bottom similar as in the previous step.



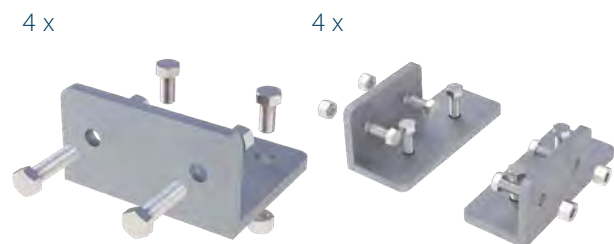
Step 10

The next step is to setup the gable columns, this required 4 identical purlins that are placed vertical, connected at the bottom with the same footpieces as in the previous step. At the top these are assembled to the frame using an angled piece.



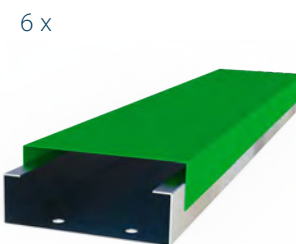
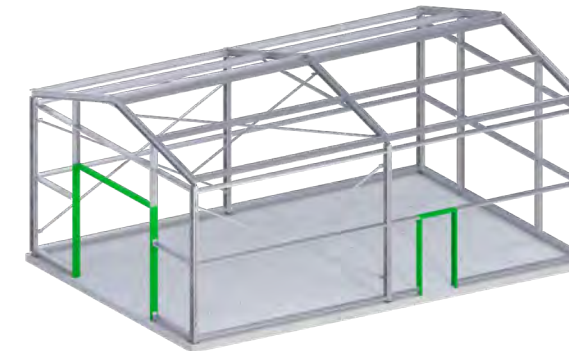
Step 11

To finish the steel frame we place the rest of the purlins in the gables, herefore we use the standard L pieces again to connect towards the single columns, and the left and right L brackets to connect to the frames. Note: there is a roller shutter door opening foreseen.



Step 12

Attachment of 6 finishing profiles (C) which have to be screwed at the inside of the door and gate openings. This makes sure the inside of these profiles aren't visible.



Kit building – quick and useful..



Raw structure of the Kit building skeleton.



Kit building assembly in progress.

UK KIT - Assembly Directions

Panels and finishing profiles

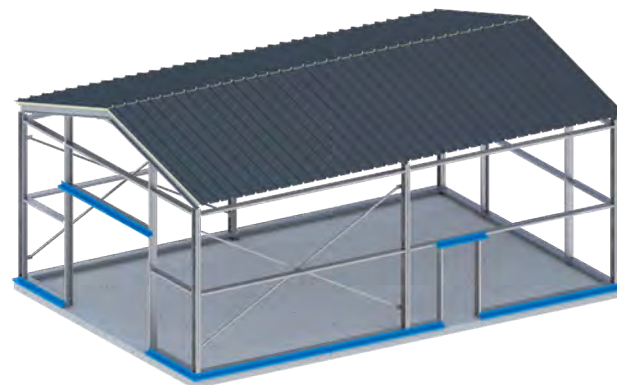
Step 1

Assemble the eaved plates to the bottom C-profiles. Also assemble the finishing profiles above the door and gateway openings. There are 2 profiles to be attached to each openings highest profile.



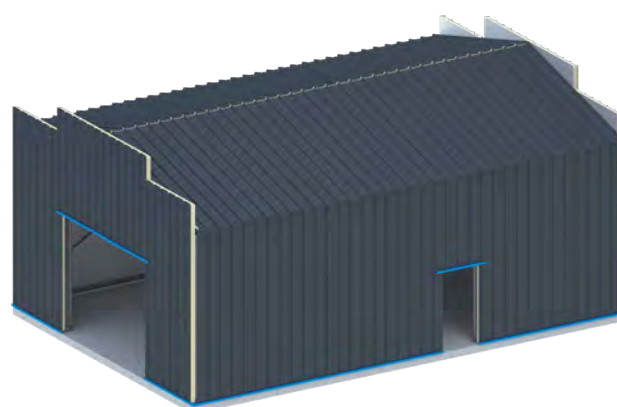
Step 2

Assemble the panels as in the sketch. There will be enough panels to close the entire building. Regarding wall panels at your door and gateways: you will need to proceed to step 3 since there are finishing profiles that will prevent you from closing the entire building.



Step 3

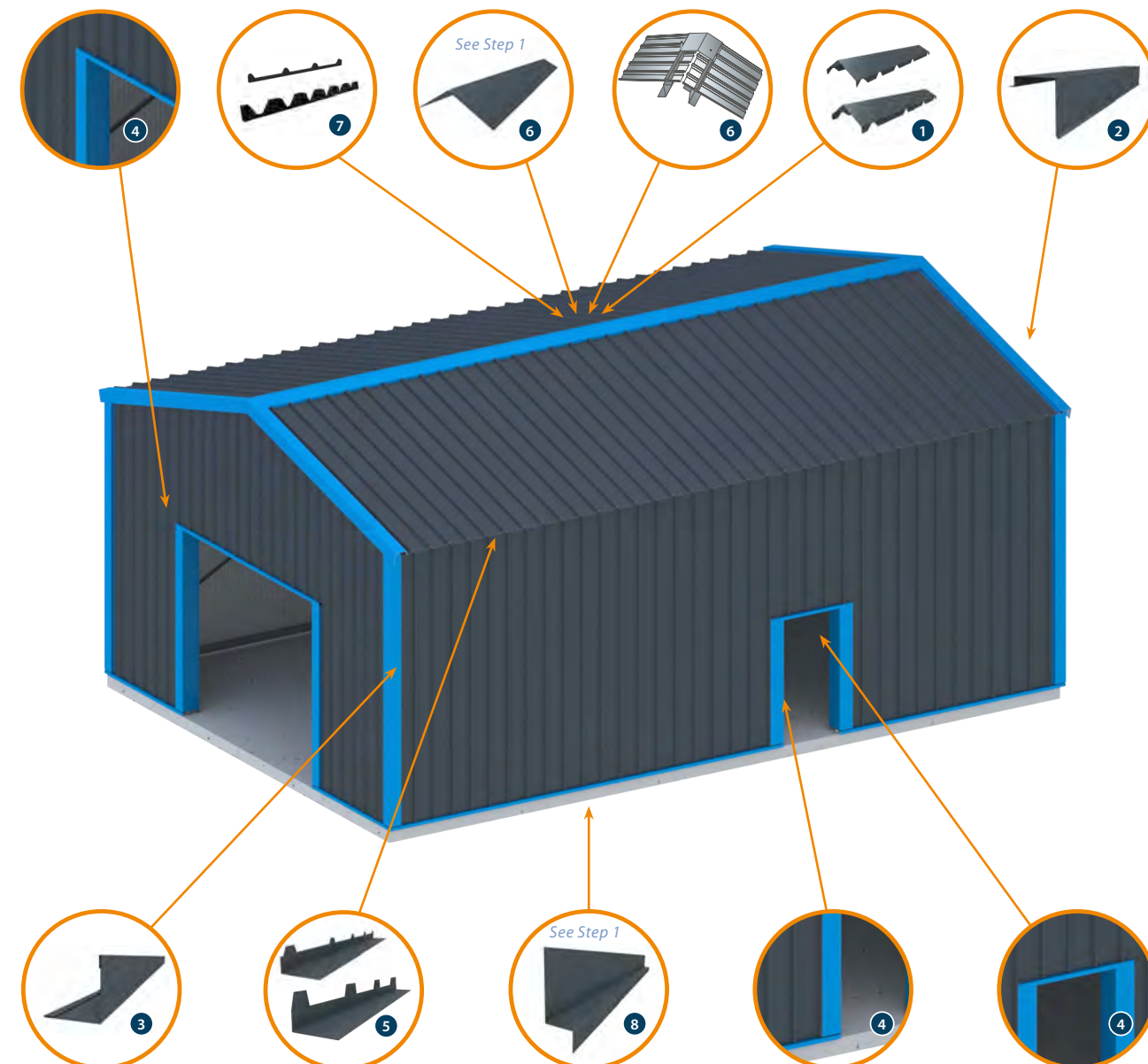
Cut the panels to the required length. Make sure the wall panels at the gable follow the same line as the roof panels.



Step 5

Screw the remaining finishing profiles onto the panels:

- ① Ridge pieces
- ② Flashings
- ③ Corner plates
- ④ Finishing profiles for the door and gateway
- ⑤ Insulation protection profile
- ⑥ Flat ridges
- ⑦ foam fillers
- ⑧ eaved plates





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THE STEEL FUTURE

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