



MULTIPURPOSE SHELTER

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ASSEMBLY INSTRUCTIONS

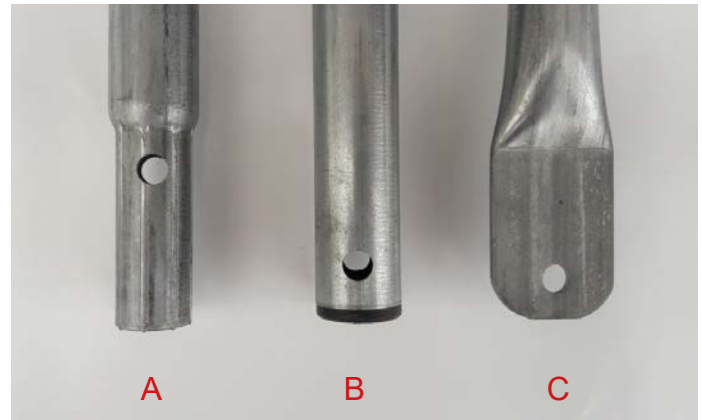


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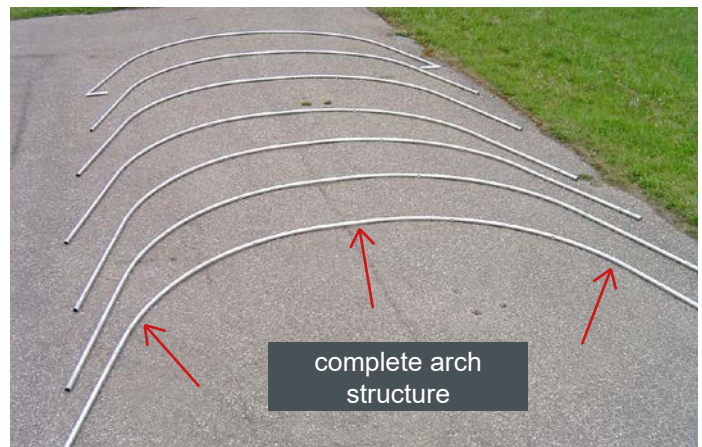
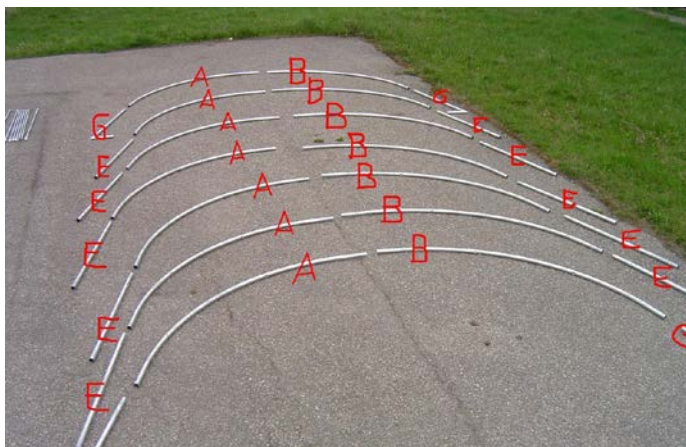
1. Check the completeness of the delivery according to the enclosed packing instructions.



2. Sort the pipes according to the end type:
A/ tapered end
B/ without tapered end and wind bracing pipes
C/ pressed end



3. Place all parts of the left arch (A) on one side and all parts of the right arch (B) on the opposite side. Lay all arches in a row close to the desired location. Make sure that the tapered end of arch B and the end of arch A, where the 10 mm diameter hole is drilled, face each other and can then be joined. Next, prepare the side pipes (E) and corner pipes (G). Now, connect all pipes by inserting them into each other.



4. Secure the arches against twisting by inserting bolt H (M8×100) into the pre-drilled hole in the middle of the connected arch. Leave the bolt without the nut for the moment as you will be moving it before completely securing it.

5. Move the first and second arches to the vertical position. The help of a second person is required here to hold both arches, while the first person fixes the connecting pipes (E3) and the wind bracing pipes (F) to the inside of the arches. Use M8×100 bolts, except where the wind bracing and connecting pipes meet; then use M8×110. There are 12 of these used along each side of the shelter.

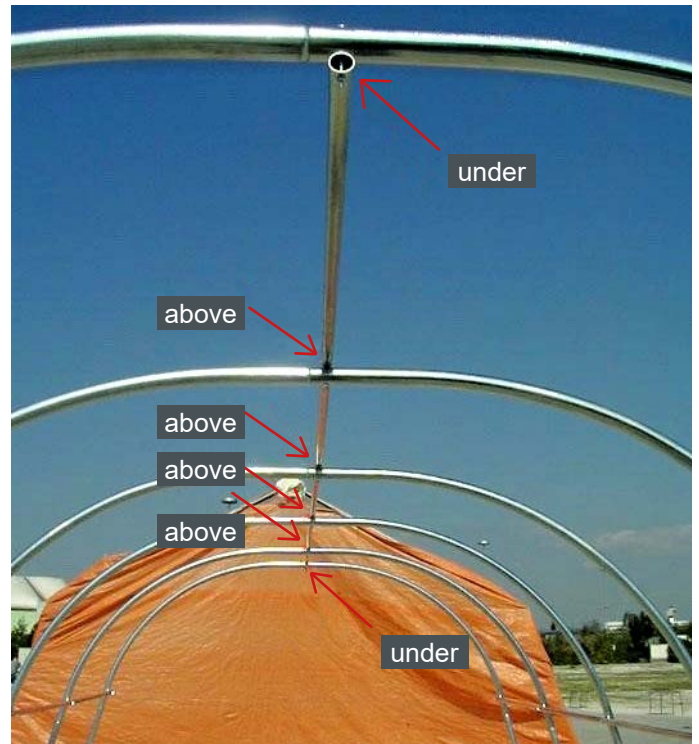
The nuts should only be fixed lightly by hand at the moment as they will be tightened only after the final assembly and positioning of the shelter.



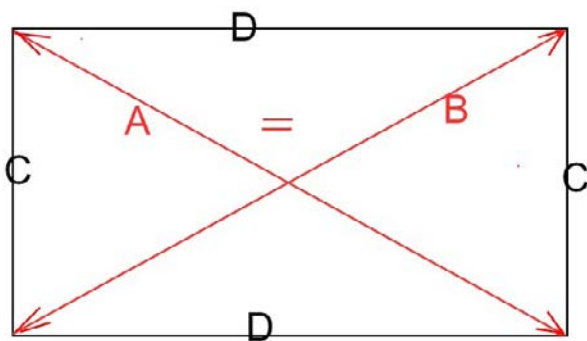
6. Connect all other arches using the connecting pipes (E2 – thin pipes with tapered ends).
7. For the connection between the second-to-last arch and the last arch, use a connecting pipe (E1 – thin pipe without a tapered end).



8. The pipe connecting the arches at their center is located under the first and last arch. On the inner arches, on the other hand, the connecting pipe is located above the arch tubes.



9. Place the structure in the desired location and measure the diagonals of the shelter floor from one corner tube to the other as shown in the picture.



diagonal A must be the same as diagonal B

D = length of the shelter

C = variable value depending on a sufficiently stretched front wall of the shelter

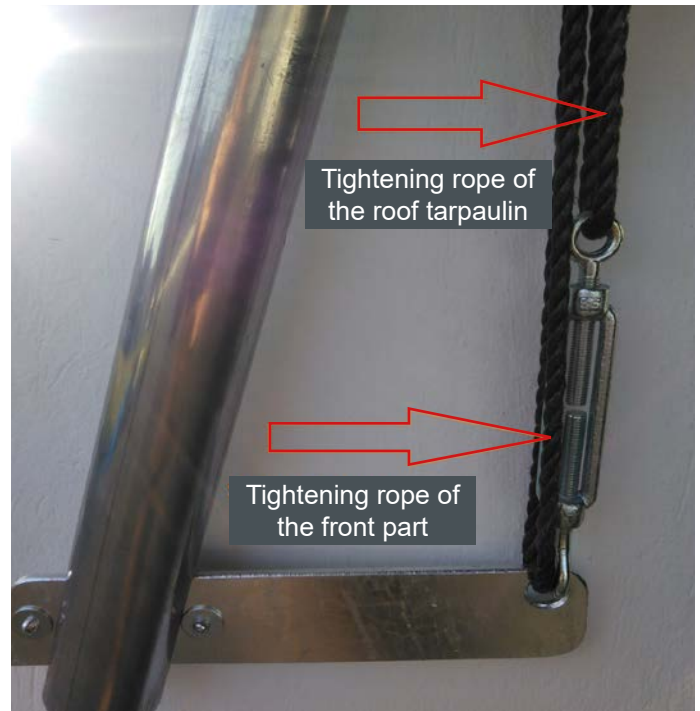
Depending on the stretching of the front part, C value is approx. 5.5 m.

Now tighten all nuts of the structure firmly.

10. Hang the front part cover on the outside over the first arch of the structure. Two persons simultaneously pull the tightening rope at the bottom of the arch on both sides, so the front part wraps around the frame of the arch. Make sure that the bottom of the front part is aligned with the ground.
11. If you have built the structure very wide, the front part will visually appear too narrow. In that case, lift the structure on one of the longer sides (D) and push it towards the other long side (D) – see point 9, length C.



12. Pull the tensioning rope downwards with all your strength, evenly on both the right and left sides, and fix it to the steel plate at the bottom of the corner pipe.
13. Move one side of the structure so that the front part cover gets properly stretched. The zipper/lacing must close and open without any problems.
14. If you have two front part covers, repeat the same procedure (points 10-13) on the other end of the structure.



15. Install all anchoring bolts on the outside of the structure. (The anchoring point in the picture is installed from the inside of the shelter.) Drive the anchoring bolt in until its upper end is at the same level as the lower side of the connecting pipe (approx. 60–65 cm). Use the supplied connecting clamps to connect the anchoring bolt to the connecting pipe (E1 or E2).



If the shelter is to be used for livestock housing, it is necessary to secure the anchoring bolt joint against abrasion with fabric and adhesive tape.

16. Lay the main tarpaulin along the long side of the shelter. Pull the tarpaulin over the structure using the supplied tensioning ropes.

A broom will help you pull the tarpaulin smoothly over the structure.

The welded-on PVC strip with rings must be on the inside of the shelter once the tarpaulin is pulled over.

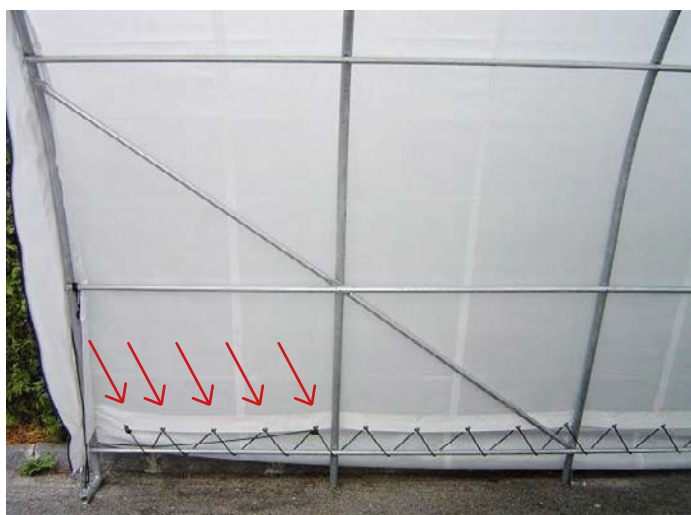


The correct position of the tarpaulin is reached when the welded-on 10 cm wide strip (reinforcement) is located exactly over the top connecting pipe.

Release the tensioning bolts as much as possible before fixing, hook them on the corner pipe, and pull the tensioning rope as far as possible - evenly on the left and right sides. Use knots to fix the rope to the tensioning bolt. Once all 4 positions are fixed in this way, tighten the tensioning bolts as much as possible.



17. Once the main tarpaulin is sufficiently stretched with the tensioning bolts on both sides, install the tensioning rope along the bottom of the long side by pulling it through the rings and always wrapping it around the connecting pipe.



18. If the tarpaulin is heated by the sun, it can be additionally tensioned this way. tensioning rope along the bottom of the long side by pulling it through the rings and always wrapping it around the connecting pipe.
19. The loose ends of the tarpaulin can be weighed down with stones or other suitable objects if necessary.
20. A rope leading through a ring can be used to fix the open (rolled up) front part cover.

! IMPORTANT NOTICE !
It is absolutely necessary to check the strength of the anchoring bolts and connecting clamps regularly, especially after a strong wind.