

July 2018



 **LIFESHELTER[®]**

Technical appendix

1. Making the panels

It begins with standardized stone wool insulation batts.

By pressing the insulation batts into specially constructed forms, the batts are moulded into the signature curved panels.



2. Reinforcing the panels

To ensure the right stability, the curved panels are reinforced with steel strips.

After 10 minutes, the panels are ready to be removed from the forms.



3. Creating the foundation

A foundation is prepared for the shelter, either by casting a concrete slab, or simply by raising the ground level with soil or sand.



4. Preparing the base frame

A steel base frame is assembled and placed on the foundation. This frame will hold the panels together when assembling the shelter.

The panels can easily be carried by hand to the site.



5. Assembling the shelter

The shelter is assembled by placing a series of identical panels in the base frame.



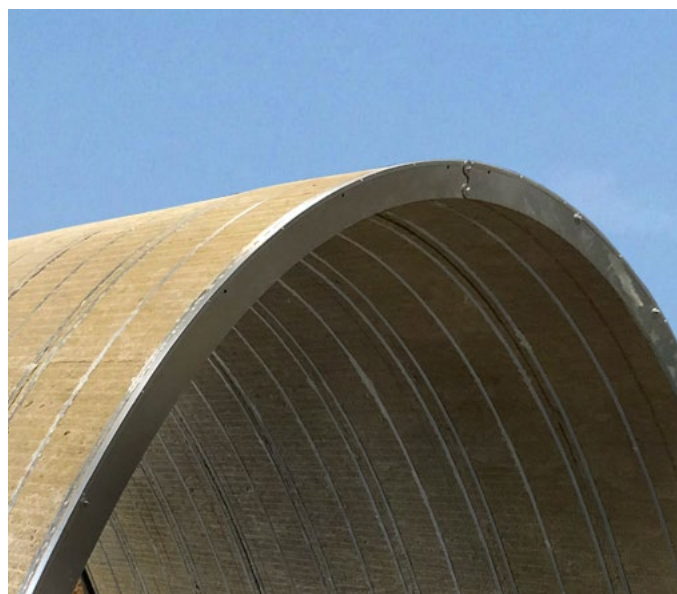
The panels are held together by specially designed steel fixing staples and top connectors in each joint.



This is the basic construction.

6. Fixing the end units

To stabilize the shelter, strong steel end units are mounted along the rims on both ends of the shelter.



7. Putting up end walls and inserting doors

The end walls are installed, and the doors are easily inserted in both ends of the shelter.



8. Anchoring the shelter

To further stabilize the construction, the shelter is anchored to the ground with strong metal anchors.



9. Plastering the walls

To increase durability, plaster is applied to the inside walls.

The outsides of the end walls are plastered as well.



10. Roofing options

Finally, the roofing of choice is applied:



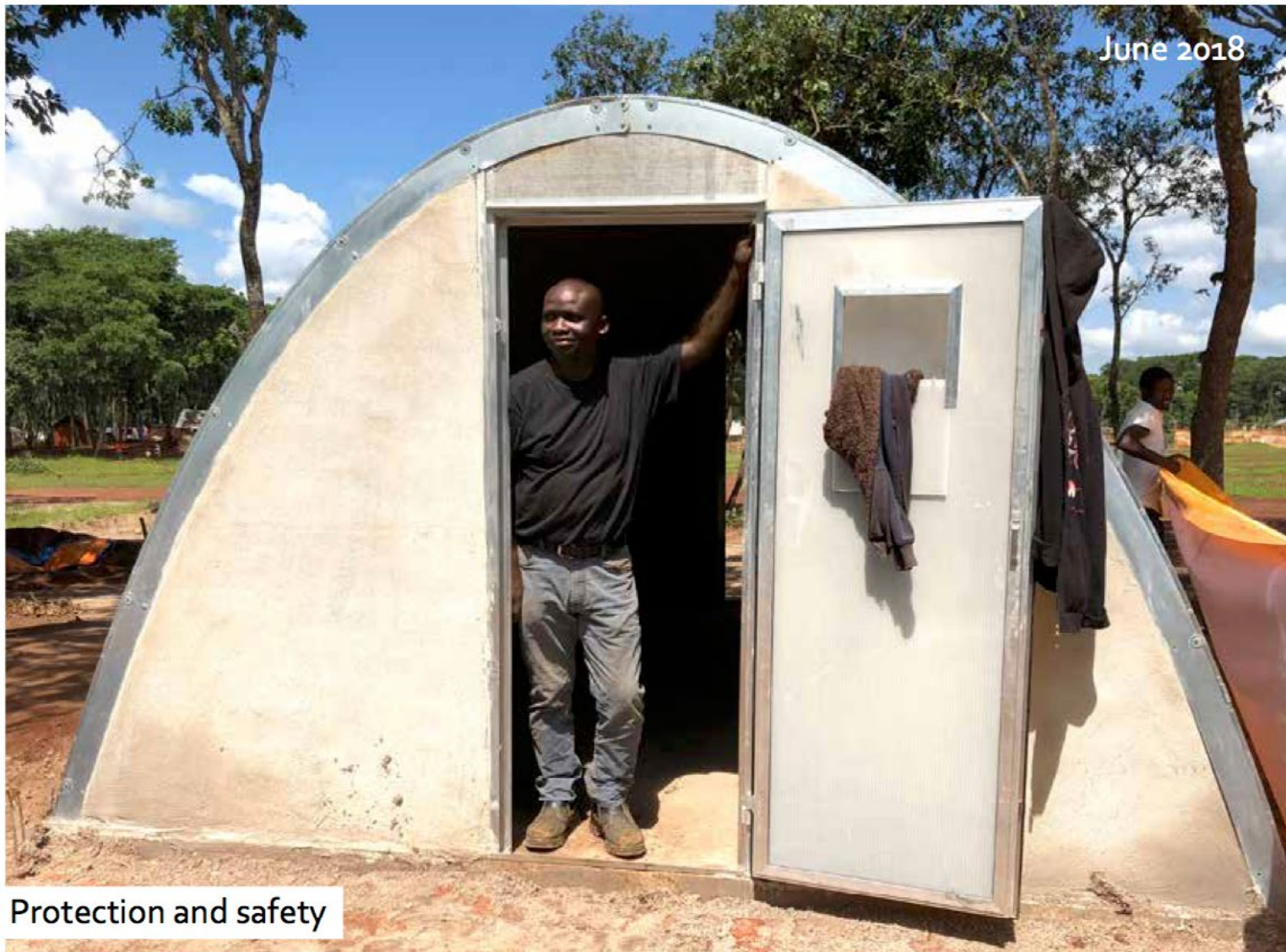
11. The finished shelter

The shelter is now finished, and ready to be occupied.

If needed, an optional canopy can be installed on either end of the shelter.



June 2018



Protection and safety



Local production



Easy installation



Durable design

 **LIFESHELTER®**

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