

Terrain4Print - Arabic village manual



This is the manual for the arabic village. If you purchase the model files for it, you can print any number of buildings on your home 3d printer. This village is printed on an Anycubic Kossel plus.

File naming

The filename consists of two parts. Up to the first dash is the model identity. The identity is unique across Terrain4print's entire range. After the first dash comes a description of what the model is.

A filename is: `vhru01a-wall-front.stl`

vhru01a is the models identity. It can be referensed by this in email and documentation. The a mean that the model exists in several related parts or variations.

wall-front is the model description.

Print settings

Use these settings if nothing else is specified

- 0.2mm layer height
- No support
- 20% infill

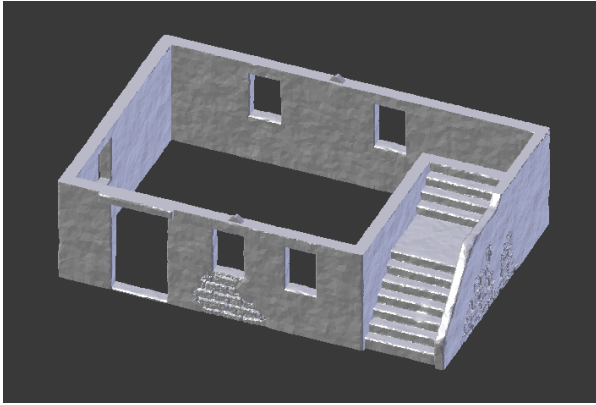
You can of course change this if you want. 0.1mm layer height will give you a smoother more detailed surface. If your printer is very good at bridging (fan directed at nozzle) you can probably take infill down to 5%. I advice you to experiment and find what gives you acceptable results for your printer and gaming need.

Scaling and mirroring

These buildings can be scaled up or down. Remember to scale everything, walls, doors, windows etc. This can make a large village seem more natural.

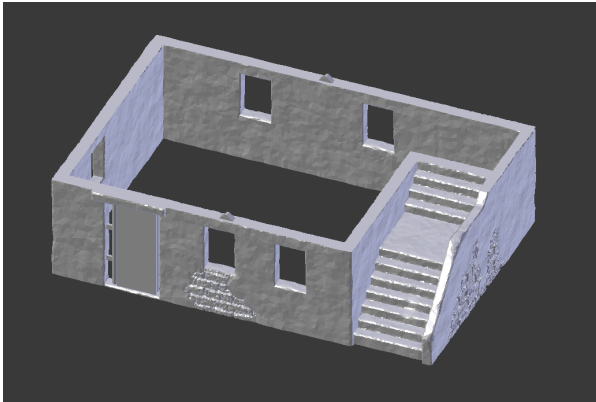
By mirroring a building in your print software, you can double the number of different buildings.

Modular arabic village (arho)

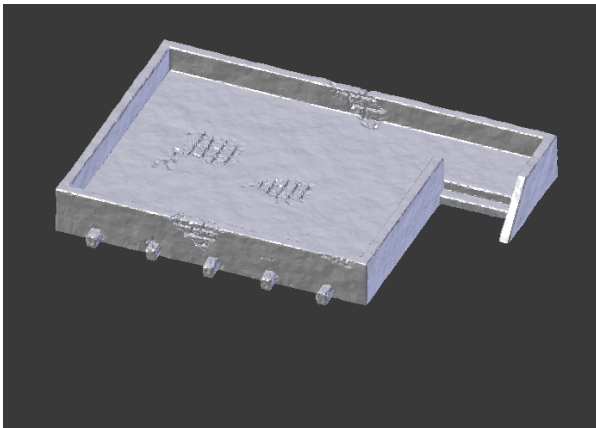


arho01a_house_with_stairs

This model may need support depending on your printers ability to bridge the door opening and window openings.

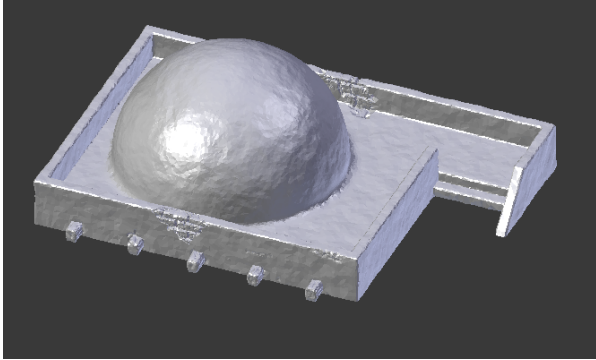


arho01b_house_with_stairs_hinge

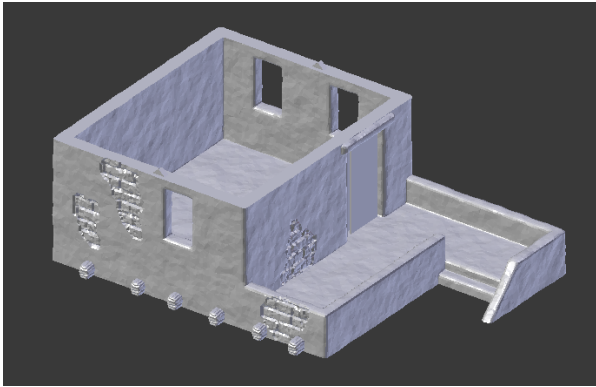


arho01c_roof_with_stairs

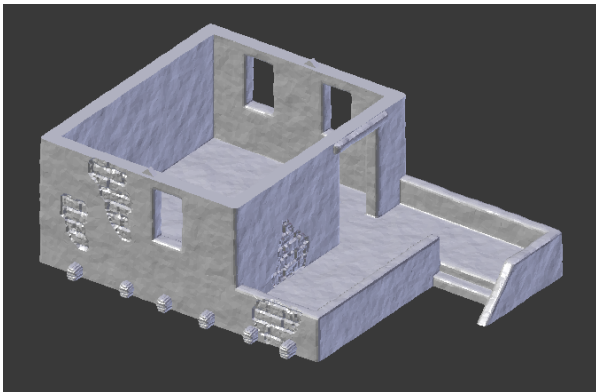
The flat area of the roof will improve with 0.1mm layer height.



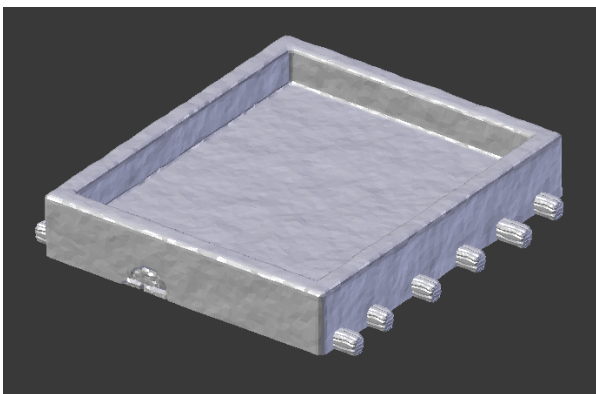
arho01d_roof_with_stairs_domed
The flat area of the roof will improve with 0.1mm layer height.



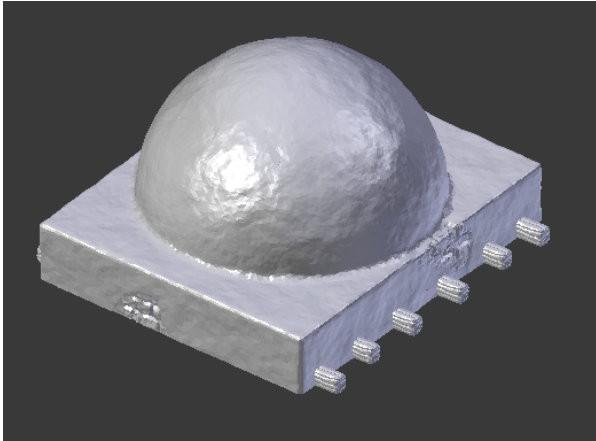
arho01e_second_level_hinge



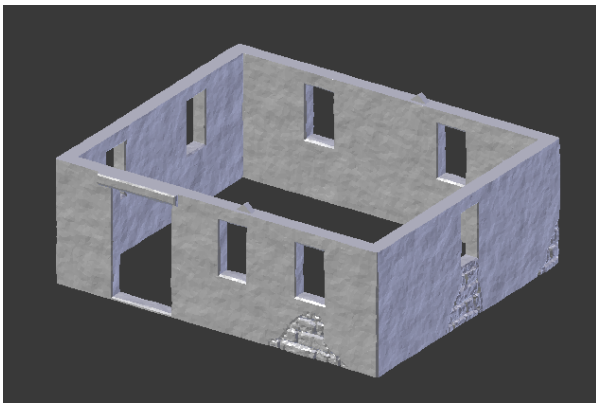
arho01f_second_level
This model may need support depending on your printer's ability to bridge the door opening and window openings.



arho01g_second_level_roof
The flat area of the roof will improve with 0.1mm layer height.

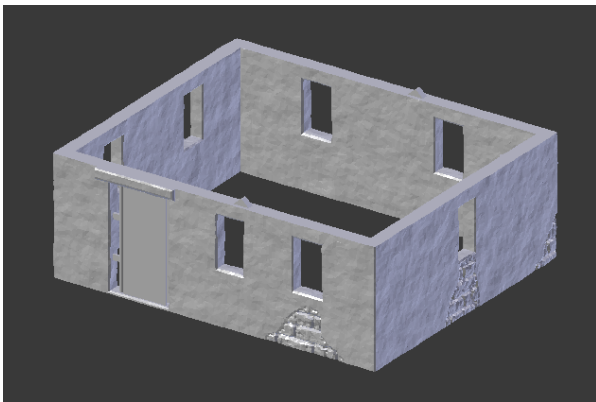


arho01h_second_level_domed_roof

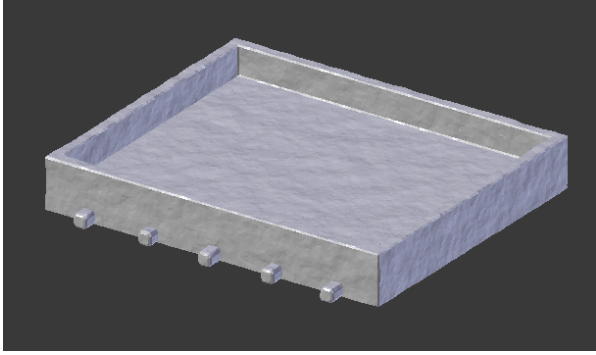


arho02a_house

This model may need support depending on your printer's ability to bridge the door opening and window openings.

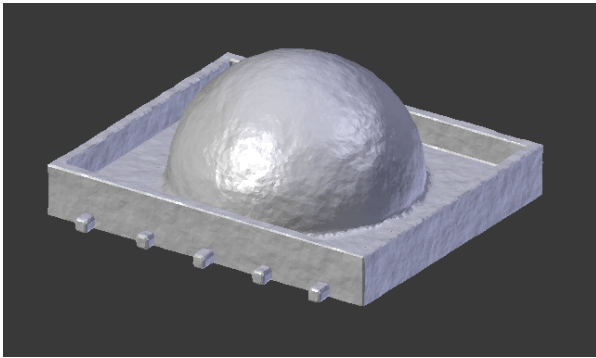


arho02b_house_hinge

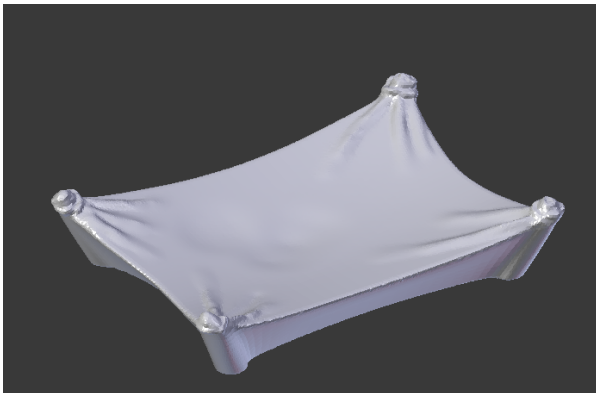


arho02c_roof

The flat area of the roof will improve with 0.1mm layer height.



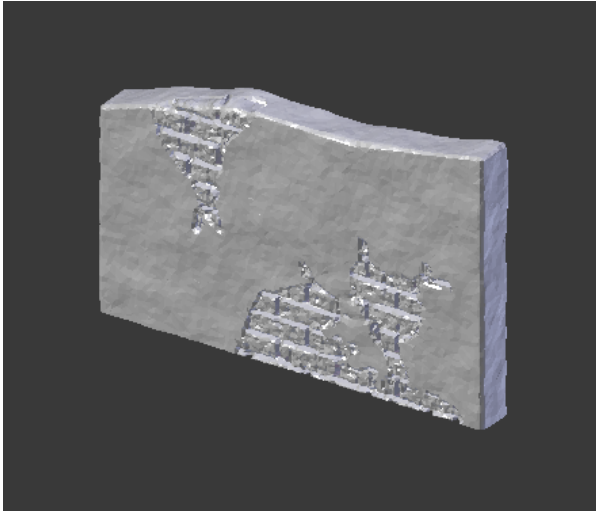
arho02d_roof_domed



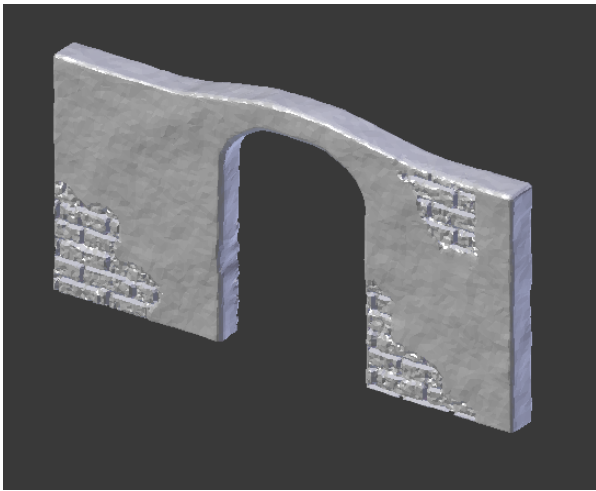
arho03_canvas_roof

Scale this model up and down to get the desired size. Use toothpicks or similar as tent poles. Holes in the corners are about 3mm in diameter in the original scale. Place on top of a flat roof or against the wall.

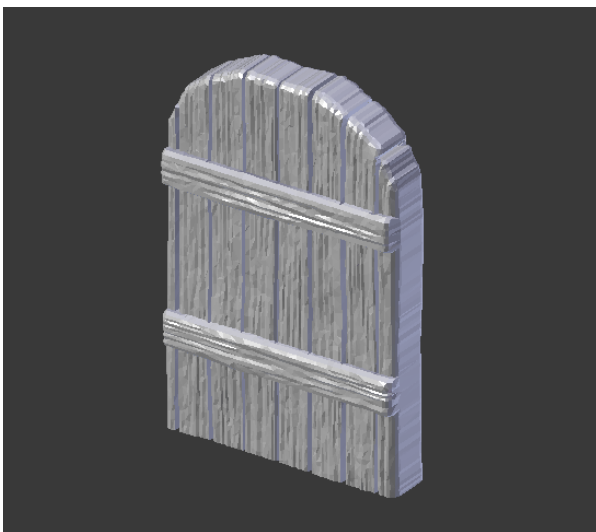
This model will improve a lot with 0.1mm layer height.



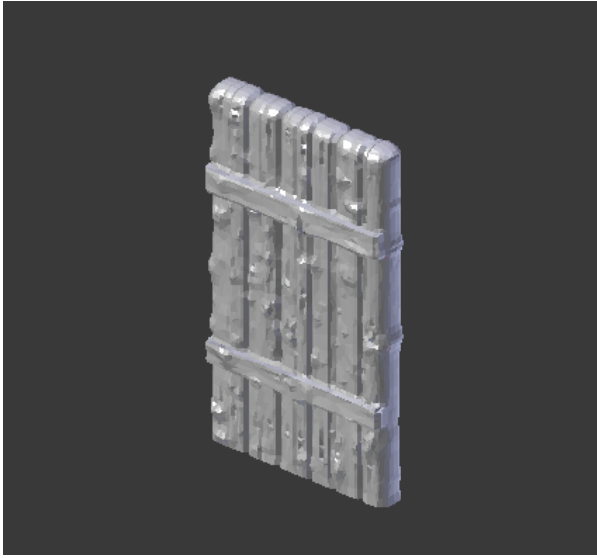
arho04-free-wall



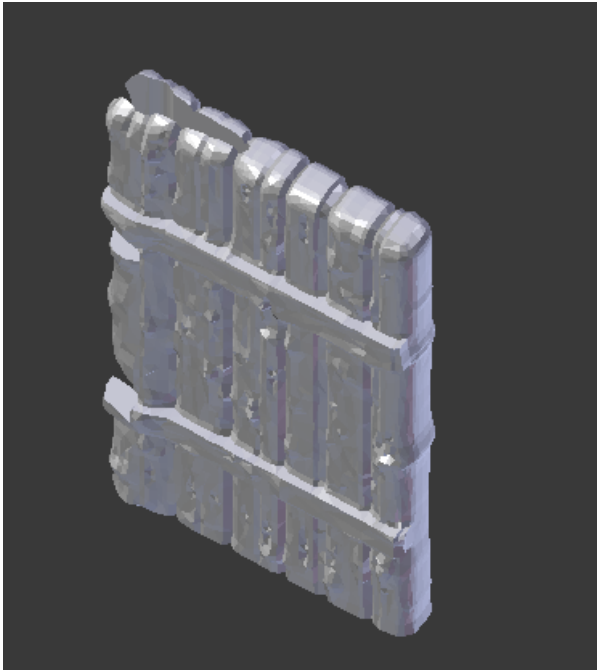
arho05a-gated-wall
Print with support.



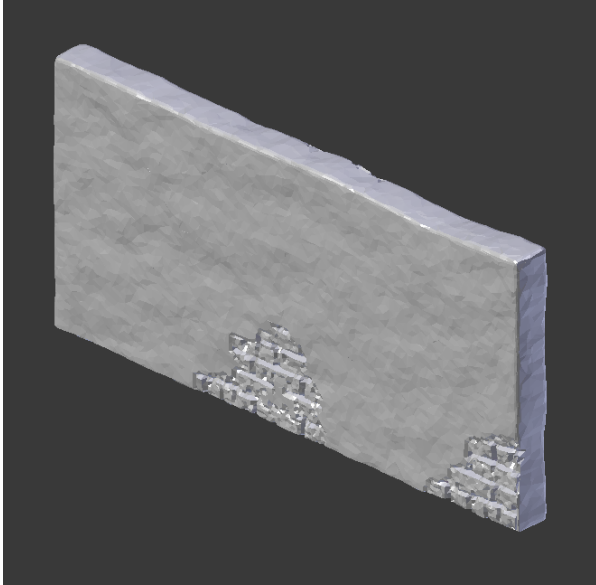
arho05b_gate



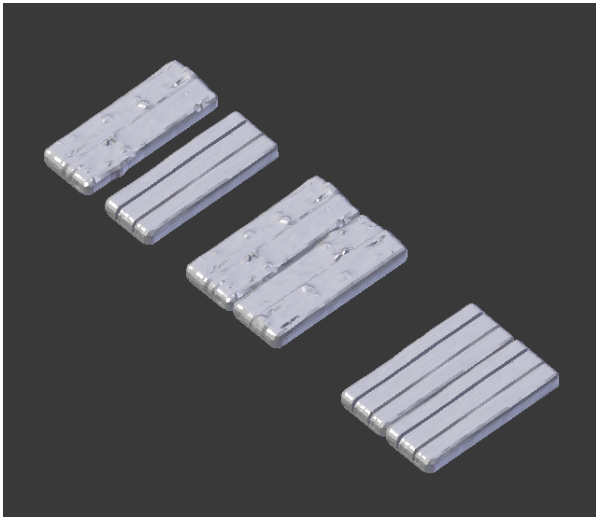
arho06a_door-solid



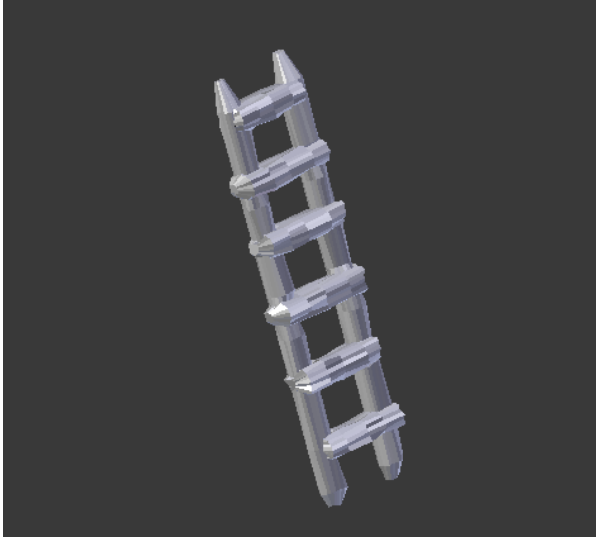
arho06b_door-hinged



arho07_long_wall



arho08a_windowA
arho08b_windowA_double
arho09a_windowB
arho09b_windowB_double
Print with 0.1mm layer height.



arho10-ladder

Assembly instructions

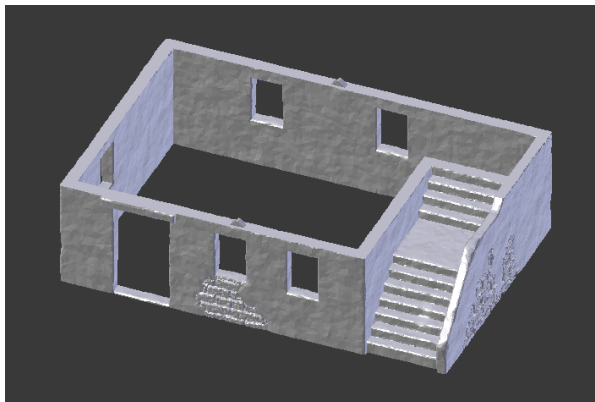
There are two main buildings: arho01 and arho02. The first is a bit bigger with a stair to the roof. The second is a bit smaller with no external stairs. Use the ladder to get to the roof.

With or without hinges

Both houses come in variants with and without door hinges. If you want moving doors, select the hinged versions. If you are only going to use the outside of the houses, you can glue the door shut and won't need the hinges. Your decision.

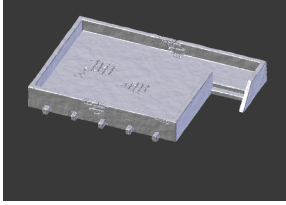
Arho01

This building have one or two levels. The base is the same in both cases.

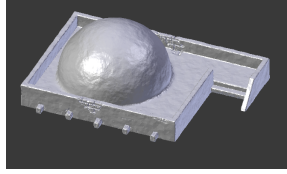


arho01a_house_with_stairs

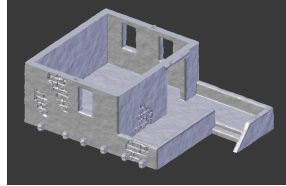
On top of this you can place any of these combinations:



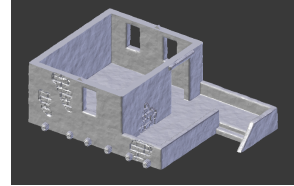
arho01c_roof_with
stairs



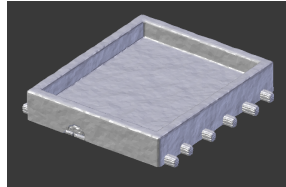
arho01d_roof_with
stairs_domed



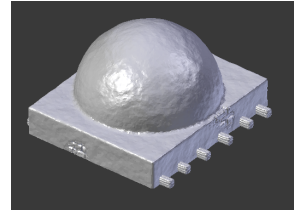
arho01f_second_level



arho01f_second_level



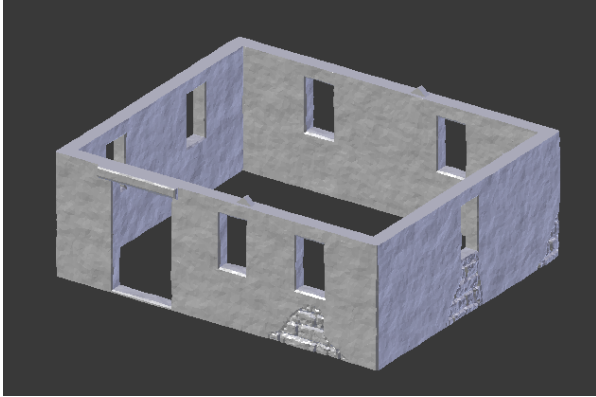
arho01g_second_level
roof



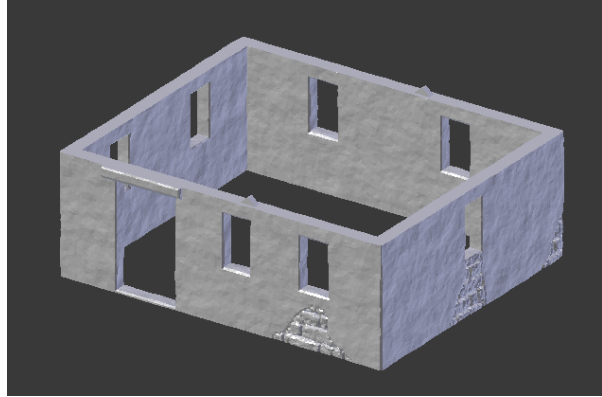
arho01h_second_level
domed_roof

Arho02

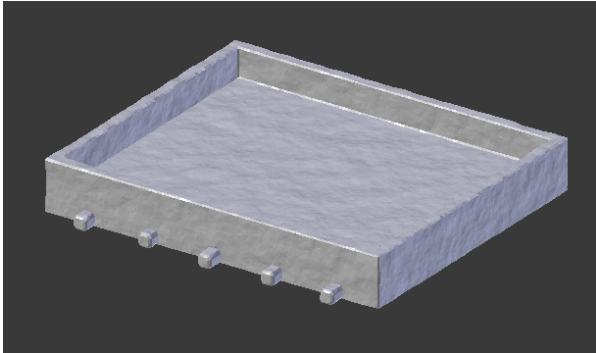
This building has only one level. It can be arranged in two styles.



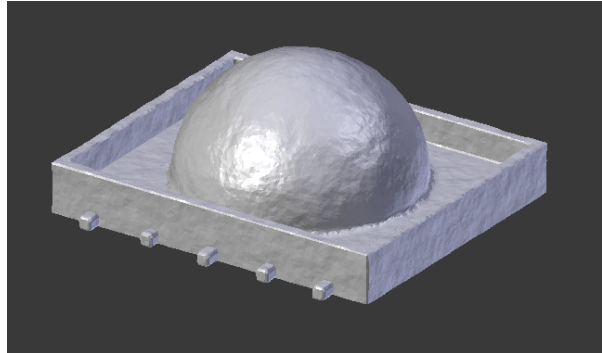
arho02a_house



arho02a_house



arho02c_roof



arho02d_roof_domed