

Dome Terrain



medicationforall

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Summary

I created a dome terrain piece written in cadquery and python.

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I created a dome terrain piece written in cadquery and python.
For the windows I used recycled plastic soda bottles.

For more details and part specs go here:

<https://miniforall.com/dometerrain>

This is an open source project that you can customize:

<https://github.com/medicationforall/cqdome>

You can support this project and other projects I'm working on at patreon:

<https://www.patreon.com/medicationforall>

06/29/24

I added flat_window_plate_v4.3mf. I recommend printing the window frames flat.

07/08/28

Cleaned up old files and added v4 files. Which includes minimal changes to the window frame dimensions for a better fit into the frame

Parts - 40, 1 frame, 2 stairs, 2 doors, 1 vent, 1 hex cut key, 1 pen cut key, 10 hex frames, 10 hex windows, 6 pentagon frames, 6 pentagon windows

* Length - 150.8mm

* Width - 158.1mm

* Height - 75mm

* Weight - 87grams

* Print Time - 15 hours 52 minutes

* Layer Height - 0.2mm

* Infill - 10%

* No Supports

Model files

 **old** 10 files

 **dome_windows_plate_5.3mf**

 **dome_complete_2.3mf**

 **dome_frame.stl**



old

10 files



dome_windows_plate_5.3mf



dome_complete_2.3mf



dome_frame.stl



dome_hex_frame.stl



dome_hex_key.stl



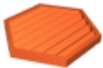
dome_pen_frame.stl



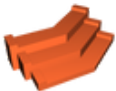
dome_pen_key.stl



dome_door.stl



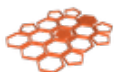
dome_vent.stl



stairs.stl



dome_plate_2.3mf



flat_window_plate_v4.3mf



dome_pen_frame_v4.stl



dome_hex_frame_v4.stl



dome_vent_v4.stl



dome_door_v4.stl



dome_frame_v4.stl



dome_pen_key_v4.stl



dome_hex_key_v4.stl

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