

War Gaming Paint Racks

Jepod

VIEW IN BROWSER

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Summary

I have designed myself some shelves for the paints I use with my Warhammer 40K and other model painting.

Wall Options

- 2 Step
- 3 Step
- 4 Step
- 2 Step - Vallejo/similar Bottle Height

Shelf Options

- 5 GW/Citadel Paint Bottles
- 6 Vallejo/similar Paint Bottles
- 6 Vallejo/similar Paint Bottles - Tall Back
- 5 Revell Aqua Bottles
- Variable Height Brush/Tool Rack (use "shelf-brush-*" files)
- 2-Step Deep Box (takes up two steps, file called "shelf-box.stl")
- 1-Step Blank Shelf
- 2-Step Deep Blank Shelf (takes up two steps, file called "shelf-deep-flat.stl")

The GW shelf holds all the official GW bottles, including the new Contrast paints and the taller washes / texture bottles.

The Vallejo shelf holds nearly any ~25mm wide dropper bottles. The bottle "hole" is 26mm in diameter so there is plenty of give. I did create an alternative Vallejo shelf with taller backs if you want more stability.

The Revell Aqua shelf holds 5 bottles/boxes of paint. I personally don't own any of these but created this shelf at the request of others.

The shelves are designed where you can put a shelf on both sides of the wall and chain them together. For instance, you can do a 2-step wall, shelves, 2-step wall, shelves, and a 2-step wall.

Variable Height Brush/Tool Rack This holds up to 16 paint brushes, one hobby knife handle, and pliers/cutters.

You will need to print the bottom and top parts. The number of middle parts printed will determine shelf height of the rack. My suggestion is just print 1 of each (top, middle, bottom), resulting in a 3 shelf height rack.

You will glue each rack piece together. The top piece will be slotted into the wall of your choice.

Updates *5/12/20:* The paint brush shelves now have a guide built into them to fit together. The overhang in the bottom of the mid and top pieces are only 1.6mm wide so nearly and printer's bridging should work. You should not use supports for these.

5/18/20: Added a 5-bottle/box shelf for Revell Aqua paints. I don't have any myself and the tolerances are .5 mm from what was shared with me on their size but I'm told they fit great.

Future Additions

- Create wall-mounting rack walls. Using the shelf designs here, create some rack walls that can be mounted onto an wall.

Toys & Games > Other Toys & Games

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wargaming tabletopgaming painting modelpainting minipainting miniatures miniaturepainting miniature

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BASIC SETTINGS Layer Height: 0.15 **Infill:** 20%

SUPPORTS & ORIENTATION The only item that for-sure needs supports is the shelf box as the wall inserts sit up a bit on the sides. All other pieces can be printed without support.

When printing the walls, print them on their side (either side works). All other items can be oriented how they are in the STL files.

Model Files (.stl, .3mf, .obj, .amf)

DOWNLOAD ALL FILES

72×72	**wall-2-steps.stl** updated 12. 5. 2020	22.5 KB	
72×72	**wall-2-steps-vallejo-bottles.stl** updated 12. 5. 2020	20.8 KB	
72×72	**wall-3-steps.stl** updated 12. 5. 2020	31.7 KB	
72×72	**wall-4-steps.stl** updated 12. 5. 2020	39.7 KB	
72×72	**shelf-5-gw-bottles.stl** updated 12. 5. 2020	530.5 KB	
72×72	**shelf-6-vallejo-bottles.stl** updated 6. 5. 2020	526.6 KB	
72×72	**shelf-6-vallejo-bottles-tall-backs.stl** updated 6. 5. 2020	620.3 KB	
72×72	**shelf-box.stl** updated 1. 6. 2020	30.9 KB	
72×72	**shelf-flat.stl** updated 1. 6. 2020	3.4 KB	

72×72	**shelf-deep-flat.stl** updated 1. 6. 2020	49.1 KB	
72×72	**shelf-brushes-top.stl** updated 1. 6. 2020	282.2 KB	
72×72	**shelf-brushes-mid.stl** updated 1. 6. 2020	314.1 KB	
72×72	**shelf-brushes-bottom.stl** updated 1. 6. 2020	1.1 MB	
72×72	**shelf-brushes-tall-bottom.stl** updated 1. 6. 2020	1.5 MB	
72×72	**shelf-5-revell-aqua-bottles.stl** updated 1. 6. 2020	445.6 KB	

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