

Gridfinity 4x4 and 4x2 base French cleat mount

shoooo

VIEW IN BROWSER

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Summary

Grdifinity 4x2 base holder for 3/4" French cleat walls. Prints in 2 parts.

Hobby & Makers > Organizers

Tags: gridfinity

Two options for attaching back (cleat)

1. CA glue. Designed with a mating registration surfaces to locate horizontally in the center and to give lots of strength for almost all purposes with just CA glue
2. Hardware, made for 1⁄4 bolts
    - 2 x 3⁄4" long 1⁄4 20 bolt
    - 2 x 1⁄4 20 nuts

Design details:

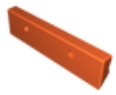
- Skeletonized to minimize material requirements.
- Holes on the bottom serve to prevent dust accumulation
- Made for 3/4" plywood (note: 3/4" plywood is usually closer to 0.7" thick, or around 18mm).
- Designed around standard imperial specs common in most US shops (sorry world)

- Could easily be remixed for just about any mounting system

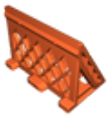
Print details

- Use snug supports just for the vertical holes, no other support needed (might even be able to get away with eliminating those)
- Adaptive layer height saves a bunch of time
- Printed great on a P1P, using Bambulabs Matte PLA

Model files



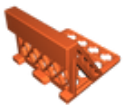
gridfinity-baseplate-4x2-cleat.stl



gridfinity-baseplate-4x2-main.stl



gridfinity-baseplate-4x4.stl



gridfinity-baseplate-4x4-one-piece.stl

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