

BUY or DIY



Be sure to
watch the
Buy or DIY
episode!

*It's clear this DIY shelf will bring your
desk's style to the next level*

**FINALLY: A STORAGE SOLUTION
THAT'S SO TRENDY YOU'LL WANT
TO PUT IT ON FULL DISPLAY!**

BROUGHT TO YOU BY



No more hiding your style away! With this DIY acrylic Desktop shelf, you can organize your favourite accessories and create a personalized arrangement. You'll have several levels for displaying shoes, books or succulents, and a wire backdrop you can completely customize with photos and fairy lights. And just like that, your display will be top shelf!

Materials

Acrylic Shelving - Clear, 6mm Thick
6x 10"x20"
1x 10"x80"
Clear round Vinyl Bumpers
Crazy Glue
11 Pieces - 1" X 2" X 8' Select Pine
2" Brad Nails

Varathane - Diamond Wood Finish -
Water, Gloss (236 MI)
2 Cans Metallic Finish Silver Spray Paint
Tack Cloth
1x 24"x48" white metal grid

Tools

Brad Nailer
Wood Glue
Wood Filler
120-220 Sandpaper
Clamps
Square

Small Putty Knife
Mitre Saw
Wall Mounting Kit
Concrete Nails
Screws



Sawcuts

11 - 1x2x8 Finished Pine Boards
8 x 64" for uprights
4 x 8" for bracing the back both sets of
upright racks
1 x 46" cross brace for long top acrylic

24 x 10 1/2" for crosspieces (base + top
as well as four for shelving
supports)
2 x 6" for under cross brace

STEP 1-4

shelves

1. Order your acrylic shelf pieces from a local plastic wholesaler - pay for them to be pre-cut. If you want rounded edges, it usually takes a few more days or a week. Otherwise, acrylic is very easy to sand.
2. Sand the corners of acrylic pieces with 120 grit sandpaper, also do the edges all the way around to get rid of the saw marks from the shop.
3. Take all 1x2 select pine pieces and sand with 120-grit using your orbital sander.
4. Seal all pine boards with a clear coat of Varathane gloss - this will create a shiny later on your boards ahead of time to allow your shiny spray paint to be more metallic/shiny! Repeat if desired up to 3x.



Materials



Sand corners & edges
of acrylic pieces

STEP 5-10

5. Measure and mark with pencil on each upright the inside bottom for each brace: 12" from bottom, and then four evenly measured for shelving above.

Do all eight uprights exactly the same so shelving is even and level when finished.

6. Clamp your long piece to the edge of the work bench and start to glue and brad nail on each 10 1/2" cross-piece at your pencil marks. Use a right-angle against each pencil mark to line it your boards exactly.

Wipe excess glue away immediately using a wet cloth.

NOTE: Make sure you work on the same side of your pencil line or your measurements will be off!

7. Turn finished half around and clamp other long piece to workbench. Repeat. Glue other ends and line up the other upright so that it matches the same marks. Brad nail the bottom base and then again work upward toward the top. Repeat for other half of shelf (second tower).

8. Lets make these a shelf! At this point you should have 4 ladder looking brackets. Each shelf requires two 8" 1x2 braces to hold it all together. Add a 8" cross brace board to the top and bottom of each shelf and secure with wood glue and clamp. For extra security, add a 2 1/2 inch brad nail on each side. Some brad nailers don't allow 2 1/2 inch nails, if that's the case for you - just use 2" flat head finishing nails and a hammer.

9. Apply wood filler to cover brad holes from brad nail insertion and to fill in any joints. This will make everything look clean and professional. Allow dry time (1 hr).

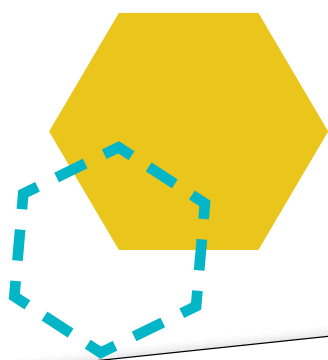
10. Sand over wood filler to give it a smooth finish. Brush with small hand-broom, then wipe with tack cloth.



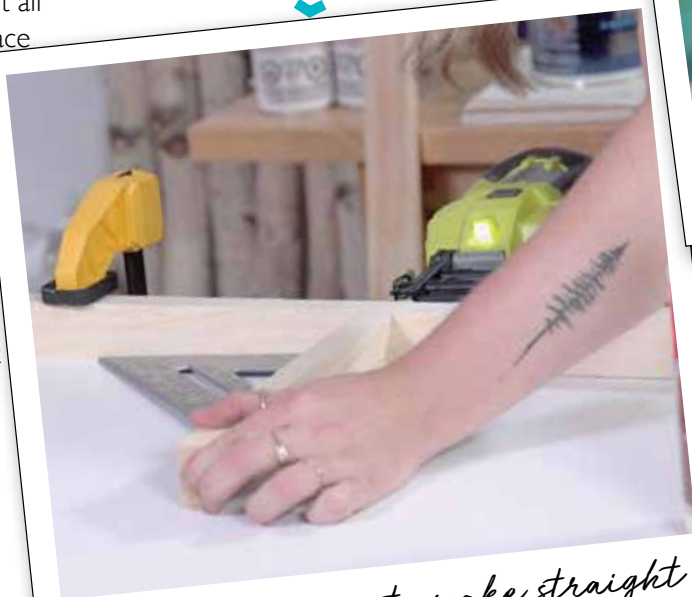
Measure 12" from bottom



Attach pieces together



Glue before you nail



Use the T-Square to make straight



Use clamps to secure to table



Apply wood filler

STEP 11-13

11. SPRAY PAINT! Using your metallic spray paint, cover the entire wood piece. Make sure you apply evenly staying at an equal distance across the way. **Make sure you are in a well ventilated space or go outside!

Take about 2 hours per coat!

** Don't forget to spray paint your 46" cross-bar and your 2 6" braces as well!

LET DRY

12. Take your two 6" braces and attach each to the bottom center of your inside 10 1/2 top shelves. Attach by pre-drilling your hole and using a 2 1/2 inch wood screws through the bottom.

Take your 46" cross piece and rest it on top of your 6" braces. Use the 2 1/2 inch wood screws to attach - 2 per side for 4 total, get someone to help you brace the shelf. Add glue to the end and align with the centrepont of the inner top shelf cross-piece.

TIP: This is a thin connector between the two towers, so try not to move the piece too much after this point. Especially while the glue is drying.

13. Remove protective plastic sheeting from acrylic pieces. Apply vinyl bumpers to shelving with identical pattern on each acrylic shelf so that shelving stays in place. Use a dab of crazy glue. Position bumpers to the meet the inside of the cross-piece to hide them better.

Because we wanted the shelf to float, it's designed to go on a desk and for lighter objects. If you want this to be a floor shelf, I would recommend you use a thicker wood or metal.



Three coats will be needed

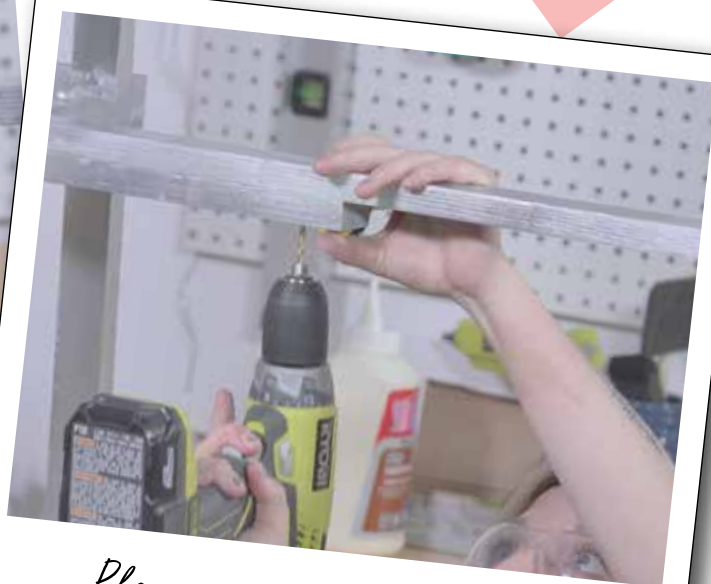
NOTE: You will likely need three coats on all sides (pay particular attention to the inside around the joints) to get the best coverage, on top as well as on the bottom too.



Attach braces to your top shelves



Remove protective plastic from acrylic



Place on rubber bumpers

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