

Floating Shelf Bracket & Weight Guide

Securely mount and style your beautiful kitchen display.

Get ready to safely display your heaviest dinnerware without worrying about sagging. Let's plan your layout and find the perfect hidden hardware for your space.

● Key Measurements

18 in

above backsplash; clears small appliances

2 in

thick white oak; conceals hardware

1.5 in

minimum thickness; prevents drilling cracks

2/3

into wood; depends on depth

80 to 220

grit sanding progression; smooths wood

The hidden strength trick

Bolt heavy-duty steel blind brackets directly into your wall studs. This carries the weight load securely while creating a seamless, floating effect against your beautiful tile.



● Find Your Rod Length

Find your row: **Your shelf depth**

Your shelf depth	Your pick	Why
8 inches	5-inch bracket rod	Reaches minimum two-thirds depth
10 inches	7-inch bracket rod	Safely leverages the wood
12 inches	8-inch bracket rod	Maximizes structural support

● Pre-Installation Checks

- Map solid anchoring points with a reliable magnetic stud finder.
- Check bracket packaging for the exact weight capacity per stud.
- Verify hollow-wall anchors are rated for heavy kitchenware in drywall.
- Ensure you have a diamond-tipped hole saw for ceramic tile.

● Installation & Styling Steps

- 1 **Hollow the cores** Use a heavy-duty drill press and long auger bit for perfectly level bracket pockets.
- 2 **Add task lighting** Install a routed LED channel with a milky diffuser, dropping wires into a hidden wall cavity.
- 3 **Secure and seal** Gently tap boards onto greased rods, then run clear silicone caulk along the top tile joint.
- 4 **Style strategically** Always place heavy items over studs to minimize leverage on the unsupported wood span.

● Project Notes

Enjoy your beautifully balanced, sag-free open shelving!