10x12 Screened Porch Material List

Build a bright, bug-free outdoor living room on a DIY budget.

Grab this complete framing and shopping guide to confidently build your space. Follow the structural spacing rules and buy the exact materials needed.



Key Porch Specs

Snap-in
aluminum screen track system

24-inch
beadboard base for cozy enclosure

1/4-inch
continuous foam sill gasket

48-inch
frame span between vertical posts

Prevent Water Damage

Always overlap the foam sill gasket at the corners. Skipping this leaves a tiny gap for moisture and degrades the foundation connection.

Installing the Screen Track

1. **Cut to Fit** Size the aluminum track base to fit the perimeter of your opening.
2. **Mount the Base** Screw the base directly into the face of the vertical supports and horizontal rails.
3. **Secure the Mesh** Roll the screen over the opening and press the locking spline or cap into the groove.

Complete Material Shopping List

- [ ] Six pressure-treated 4x4x8 posts
- [ ] Fifteen 2x4x8 horizontal rails and blocking
- [ ] Three 4x8 panels exterior-grade beadboard
- [ ] 120 linear feet aluminum track base and cap
- [ ] One 100-foot roll fiberglass screen mesh
- [ ] One 50-foot roll foam sill gasket

Before You Build

- Check structural spacing rules for your specific area
- Plan vertical supports around your chosen mesh dimensions
- Verify the foundation connection isn't compromised by shortcuts

Choose Your Porch Style

Find your row: **Your desired aesthetic**

Your desired aesthetic	Your pick	Why
Modern Farmhouse	Black tracks, white beadboard	Striking and incredibly fresh contrast
Coastal Cottage	Haint blue ceiling	Relaxed coastal cottage atmosphere
Rustic Cabin	Naturally stained cedar	Blends into a wooded backyard
Mid-Century Modern	Horizontal slatted wood base	Clean architectural vibe
Tropical Oasis	Terracotta tiles, bamboo blinds	Lush, plant-filled sunroom

Project Notes

Enjoy your bright, bug-free outdoor living room all summer long!