

Materials List

All the tools and materials for this project are available at home centers. Here's what it took to build our 8 x 20-ft. wall system, including 12 shelves and 16 mounting plates. The various brackets and hooks aren't included—choose those to suit your needs.

ITEM	QTY.
4' x 8' 1/4" plywood (wall covering, rails)	7
4' x 8' 3/4" plywood (rails, shelves, mounting plates)	4
Tubes of construction adhesive (fastening 1/4" plywood and rails)	6
Wood glue (assembling rails, mounting plates)	12 ozs.
3/4" aluminum angle, 1/8" thick (shelf cleats)	8'
2" aluminum flat stock, 1/8" thick (mounting plate cleats)	8'
1-5/8" paneling nails (fastening 1/4" plywood)	1 lb.
3/4" brad nails (assembling rails)	4 ozs.
16d finish nails (fastening rails to studs)	1 lb.
No. 8 x 3/4" taper-head screws (fastening cleats to shelves)	100
1-1/4" drywall screws (fastening cleats to mounting plates)	1 lb.
No. 8 x 3/4" pan-head screws (fastening shelf brackets)	100
Water-based polyurethane (coating wall, rails, shelves and mounting plates)	1 gal.