

LUMBER STORAGE SYSTEM INSTRUCTION SHEET

D2829 (2) 24" Woodrack Bars

D2830 (2) 48" Woodrack Bars

D2831 (2) 12" Brackets

D2832 (2) 18" Brackets



WARNING

READ the entire instruction sheet before you install the lumber storage system. Follow every step and use the recommended tools and supplies correctly. Failure to do this could result in serious personal injury.

Important

- Woodstock International Inc. shall not be responsible for damage or injuries caused by improper installation of the lumber storage system.
- Make sure that the intended installation wall is capable of supporting the weight that could be placed upon it.
- If installation is on a second story, make sure that the floor is capable of supporting the weight that could be placed upon it.
- Make sure no local codes or ordinances are violated by use of this product.
- If you have any doubts about the installation, enlist the help of a qualified contractor before proceeding.
- We do not recommend installing the lumber storage system over a drywall or sheet rock surface. The weight holding limits may be compromised. Instead, install directly to a sturdy surface such as an open 2 x 4 stud wall or a masonry wall. Ultimately, the integrity of ANY wall should be verified by a qualified contractor.



WARNING

WEAR safety glasses during installation or serious personal injury may occur.

Introduction

Made from 3/16" thick steel, the SHOP FOX® Lumber Storage System is designed to store wood on brackets and wall-anchored upright woodrack bars. This front loading wood storage system is very strong. Since items are sold separately, you can mix and match components for your specific needs.

When evenly distributed across the entire bracket surface with woodrack bars against the floor, each 12" bracket supports 300 lbs. and each 18" bracket supports 200 lbs. The woodrack bars are available in 24" and 48" lengths; however, we recommend they be installed together to form a 72" length. When installed as a 72" configuration, the bottom edge of the upright support rests on the ground and supports the majority of the vertical loading weight. The mounting bolts will then only have to support the cantilever load weight.

Using Your Lumber Storage System

Support lumber every 36" or less for equal lumber-weight distribution. Periodically make sure all mounting fasteners are secure and tight, otherwise, a woodrack could fall causing serious personal injury.

! WARNING

Failure to distribute weight evenly could result in woodrack failure and serious personal injury. The SHOP FOX® Lumber Storage System is designed to store evenly distributed lumber across brackets spaced 3-feet or less apart. When evenly distributed across the entire bracket surface with woodrack bars against the floor, each 12-inch bracket supports 300 lbs. and each 18-inch bracket supports 200 lbs.

Installation Instructions

Mounting To Metal Stud Walls: Not Recommended!

Mounting To Stud Walls:

Tools and Supplies Needed: 1/4" drill bit, drill, level, 2 1/2" screws, pencil and 3/8" x 3 1/2" lag bolts with flat washers.

We recommend using 3/8" diameter x 3 1/2" long lag bolts with flat washers when attaching the lumber storage system to a stud wall. The following directions are for installing a 24" and 48" woodrack bar together that extends to the floor.

1. Measure out the woodrack bar spacing, making sure the mounting locations are centered over the studs. Studded walls are usually 16" or 24" on center.
2. Hold a 48" woodrack bar against a stud and use a level to make sure it is plumb and that the bottom edge is flush with the floor. Starting with the bottom hole, mark the 1st and 17th hole locations with a pencil. Do this for the other 48" woodrack bars that will be used.
3. Drill 2 1/2" deep holes at the pencil marks using a 1/4" drill bit. DO NOT drill into any electrical wires or pipes. Using lag bolts and flat washers, mount the 48" woodrack bars so that the elongated portion of the bracket slot holes are upright. This is the correct orientation so the brackets will lock into place.
4. Slide the tongue end of the 24" woodrack bar into the slot on the top end of the mounted 48" woodrack bar. While pushing the 24" woodrack bar flush to the stud and checking with a level, use a pencil to mark the overlapping joint hole as well as the top hole.

Make sure both woodrack bars have the elongated portion of the bracket holes upright.

5. Remove the 24" woodrack bar and drill the marked holes as before. Mount to the stud with lag bolts and washers. Be sure all lag bolts are tightened securely before installing brackets.

Mounting To Concrete Walls:

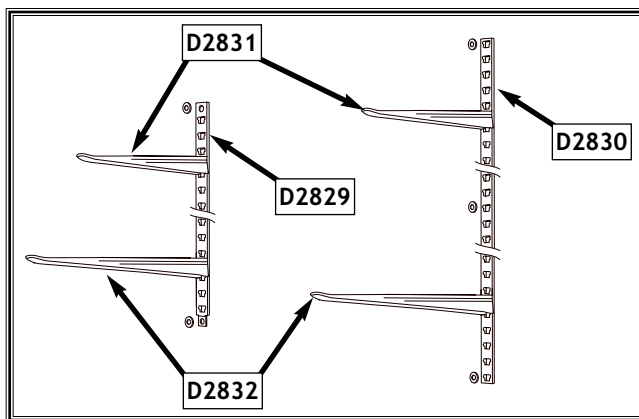
Tools and Supplies Needed: 1/2" carbide masonry bit, epoxy glue, hammer drill, level, pencil and 1/2" Hilti Kwik Bolts®.

Use fasteners like the Hilti Kwik Bolt® II or an equivalent for mounting to a concrete wall. The directions for installation are the same as for stud mounting with the exception of the fastener type. Using a 1/2" carbide masonry bit, drill the mounting locations slightly deeper than the length of the bolts. Blow out any concrete dust from the holes. For additional seismic strength, epoxy can be inserted into the holes before you install the bolts.

With the nut protecting the threads, insert the Hilti Kwik Bolt® and hammer it into the wall so at least six threads protrude above the woodrack bar when on the wall. Tighten the nut about 2-3 turns from the finger tight position to expand the wedges. Make sure all woodrack bars are secure to the wall before installing the brackets.

Mounting To Brick or Block Walls:

Mounting is the same as a concrete wall, except in a mortar wall, you need to drill and install the Hilti Kwik Bolts® in the mortar joints with an epoxy glue.



IF YOU NEED ASSISTANCE

For questions on this product, contact your dealer, or call Woodstock International Technical Department at 1-360-734-3482, or e-mail us at: tech-support@shopfox.biz

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