



WOODEN SLAT WALL BUILD PLAN

In Partnership with:



TABLE OF CONTENTS

MATERIALS NEEDED	03
RECOMMENDED TOOLS	04
CUT LIST	05
STEP-BY-STEP INSTRUCTIONS	06

WARNING

- To reduce the risk of injury, follow all warnings and instructions provided herein and in all tool instruction manuals you use.
- Sand and smooth all edges to avoid injuries due to splinters or rough edges.
- Prior to starting, be sure to read all steps for this build and have your safety equipment ready, including ear protection, safety glasses, gloves, and a respirator.

MATERIAL NEEDED

MATERIAL	LENGTH	QUANTITY	PURPOSE
1" x 2" Oak (or Pine)	10'	14	Main Feature
18g Brad Nails	2"	Box of 100	Attaches Wood to Wall
Construction Adhesive	Small	2 tubes	Holds Wood Against Wall
Varathane™ Ultimate Wood Stain (White Linen)	946 ml	1	Colours the Wood
Varathane™ Premium Wood Putty (White)	48"	4	Post Anchor

NOTE: Secure nails into wall studs if possible.

RECOMMENDED TOOLS

DEWALT 20V MAX* Cordless Cross Line Green Laser Kit (DCLE34020G)

DEWALT 20V MAX* Cordless 18 gauge Brad Nailer (DCN680D1)

DEWALT 1½" Stud Finder (DW0150)

DEWALT 24-in. Box Beam Level (DWHT43224)

DEWALT Wood Chisel Set (DWHT16862)

DEWALT 12-in. Double Bevel Sliding Compound Mitre Saw (DWS780)

DEWALT FLEXVOLT® 60V MAX* Table Saw (DCS7485T1)

DEWALT 20V MAX* XR® Brushless 5-in. Cordless Variable Speed Random Orbital Sander (DCW210P1)

DEWALT Bi-Material Nail Set (DWHT58018)

DEWALT 12 oz ToughSeries™ Mig Weld Framing Hammer (DWHT51135X)

DEWALT ToughSeries™ Tape Measure (DWHT36925S)

Caulking gun

Safety glasses

Sandpaper (150 grit)

Pencil

Rags

*20 MAX battery; maximum initial battery voltage (measured without a workload) is 20 volts. Nominal voltage is 18.

CUT LIST

	LABEL	DIMENSIONS	QUANTITY
	1 (Pink)	1" x 2" x 4"	5
	2 (Yellow)	1" x 2" x 11"	5
	3 (Green)	1" x 2" x 8"	5
	4 (Purple)	1" x 2" x 19"	4
	5 (Light Blue)	1" x 2" x 29"	4
	6 (Brown)	1" x 2" x 15"	4
	7 (Teal)	1" x 2" x 22"	4
	8 (White)	1" x 2" x 7"	4
	9 (Yellow)	1" x 2" x 13"	4

STEP-BY-STEP INSTRUCTIONS

1. Select the type of wood:
 - **White oak** stains very well, has minimal knots, and is extremely durable.
 - **White oak plywood** works as well, but will require ripping the material to size and will leave veneered edges exposed.
 - **Pine** stains beautifully, but tends to have more knots and dents fairly easily.For this project, white oak is used.

2. Following the pattern provided, use the DEWALT 60V MAX* FlexVolt® Mitre Saw to cut the longest boards first.
Batch cutting should start with the boards labelled “5 (Light Blue)”. Cutting the longer boards first allows for better yield of material.

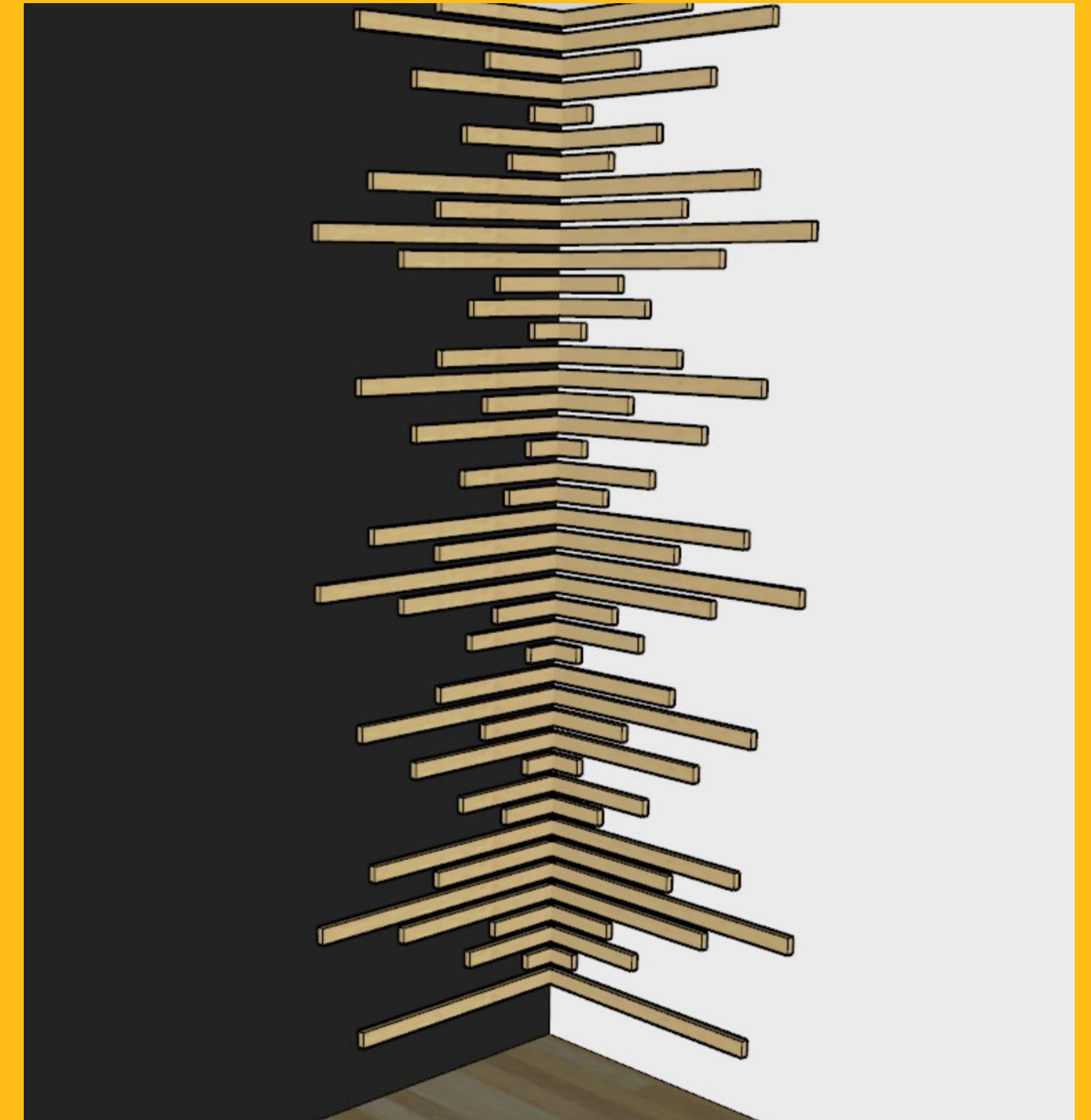
TIP: While cutting, use a stop block to speed up the multiple cuts.



PATTERN GUIDE

STEP-BY-STEP INSTRUCTIONS

3. Once all the pieces are cut, label the back of each piece. That helps as a reference during install.
4. Using the DEWALT 20V MAX* XR® Brushless 5-in. Cordless Variable Speed Orbital Sander, sand the wooden slats using 150-grit sandpaper. Sand the face, sides and ends of each piece.
5. Soak a rag in Varathane stain and apply a heavy coat on the face, sides and ends of each piece. After a few moments, wipe the excess stain from the piece of wood.
6. Aim the DEWALT 20V MAX* Cordless Cross Line Green Laser 1/2" above baseboard height. That will be the reference line to begin installing the wooden slats.



STEP-BY-STEP INSTRUCTIONS

7. To install wooden slats on the wall, put a thin strip of construction adhesive on the back of the wood and place it against the wall with the bottom edge of the wooden slat sitting on the top of the green line from the DEWALT 20V MAX* Cordless Cross Line Green Laser. Using the DEWALT 20V MAX* Cordless 18 gauge Brad Nailer, shoot at least two 2" nails into every slat.

NOTE: Slats numbered 4–7 may require an additional nail in the middle of the board, ideally into (at least) one stud.

8. Use a $\frac{5}{8}$ " thick spacer and stack the boards on top of each other. Reference the labels on the back of the wooden slats to maintain the pattern on each side of the wall. Use the DEWALT 24-in. Box Beam Level to ensure your slats are level as you work your way up the wall.

NOTE: On the side where you have two patterns that connect in the corner, do not push one side into the other wall as you will be short by the thickness of material once installed. Instead, leave a little gap off the walls and have the corners of the two slats touching.

STEP-BY-STEP INSTRUCTIONS

9. Once the slats are installed, fill nail holes with Varathane™ wood putty by pushing the putty into the nail hole and rubbing away the excess putty.

NOTE: Wooden slats do not need to be sealed with a top coat; should you choose to seal your slats, the Varathane™ wood putty is to be used **AFTER** sealer is applied.

10. Take a quick video for Instagram and tag:
@remarkableworks
@dewalt_ca
@Homedepotcanada





WOODEN SLAT WALL BUILD PLAN

In Partnership with:

