

M SETTING ROUTES

Setting your routes is a fun experience, and allows for a lot of creativity. There are many excellent resources online if you want detailed guidance. Here are some ideas to get you started:

- **Spray wall** - A spray wall is just like it sounds: Holds "sprayed" all over the wall. The idea is to be able to create a huge variety of movements without resetting the routes. Great for technique training.
- **System wall** - Like a spray wall, but more systematic. Think through the different grips and moves you'd like to train and set accordingly. Generally symmetric to ensure strength balance.
- **Challenge routes** - Set specific routes to challenge yourself or friends. Make your own project! This can be just for fun or to target specific training goals.
- **Kids wall** - Most kids walls are a lot like spray walls with easier holds, so the kids can create their own routes without too much resetting. Around 5 holds per panel is a great place to start, but the more the merrier!

M SAFETY

Safety should always be the first thing to consider when setting up your wall. Here are some major things to keep in mind:

- **Use climbing pads** - Always use pads that are appropriate for climbing. You should be able to fall from the top of your wall without "bottoming out".
- **Do not build higher than 10'** - Consult a professional and ensure safety if you wish to build higher.
- **Clear obstacles** - Make sure the area below and around your climbing wall is free and clear of obstructions.
- **Install correctly** - Make sure the wall and holds are solid! Please follow these instructions carefully to ensure integrity.

FOR VIDEOS AND OTHER RESOURCES:



[megalithclimbing.com/pages/
bouldwall-panel-installation](https://megalithclimbing.com/pages/bouldwall-panel-installation)

BOULDWALL CLIMBING PANEL

INSTALLATION GUIDE



MEGALITH
CLIMBING



GETTING STARTED

Climbing Panels need to be mounted to a flat, structurally sound surface. **If you have any doubts about the structural strength of your wall, consult a professional.**

Most homes are constructed with drywall over studs. This guide assumes this is the case.



megalithclimbing.com
/pages/installing-bouldwall-panels-on-masonry

If your walls are masonry (concrete, cinder block, brick), you will need specialized fasteners. Guidance for these surfaces can be found using the QR code to the left.

If you wish to paint your panels, we recommend doing this before installation and using an epoxy based high durability paint.

YOUR BOX INCLUDES:

- A. 1X **PANEL**
- B. 1X **LAYOUT TOOL**
- C. 1X **HARDWARE KIT**
 - a. 6 X **WOOD SCREWS** #10, 3.5"
 - b. 1X **DRIVER**
 - c. 8 X **FELT PAD**
 - d. 6 X **SCREW COVERS**

YOU WILL NEED:



STUD FINDER PENCIL DRILL / DRIVER

RECOMMENDED:

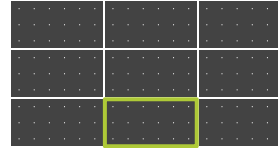


FRIEND LEVEL MEASURING TAPE 1/8" DRILL BIT

1 PREPARE LAYOUT



megalithclimbing.com
/pages/layout-guide



Select a layout that fits your space. See *Layout Guide* (QR code above) for additional help.

Use a **Stud Finder** to ensure requirements are met:

VERTICAL WALL

(perpendicular to floor)

- Use **4 screws** minimum, one **within 12"** of each corner (the closer the better).
- Connect to **2 separate studs** minimum.

OVERHANGING WALL

(any incline or ceiling)

- Use **6 screws** minimum, one **within 12"** of each corner (the closer the better).
- Connect to **3 separate studs/joists** minimum.

CONFIRM WOOD SCREW LOCATIONS ON FRAME

Outer 4 (**GREEN**) screws are always required.
Inner 2 (**GREY**) screws are required for overhanging walls.

APPLY FELT PADS (OPTIONAL)

FELT PADS can be used when mounting to painted or delicate surfaces. Place one pad over every stud intersection where screws will be fixed.

BACK

2 INSTALL PANELS

All **PANELS** must all be fixed to the wall by securely screwing them to at least 2 studs using at least 4 screws.

1. Start with the bottom center Panel (ex: **GREEN** bordered Panel to the left). ←
2. Place 1st Panel on top of baseboard or use **LAYOUT TOOLS** to raise frame to desired height. Alternatively, measure and hold in place for custom positioning.
3. Use **STUD FINDER** to confirm stud locations and use **PENCIL** to mark a point 1.5" from the edge of the panel, centered over the stud. See "**CONFIRM WOOD SCREW LOCATIONS**" for screw location visual.
4. **RECOMMENDED (OPTIONAL)**: Pre-drill using **1/8" BIT** at marked points through panel only, not the wall.
5. Use **DRILL & DRIVER** to fix all req'd **WOOD SCREWS** to studs. Fix remaining panels to wall, using the previous Panel as a reference. Use the Layout Tool as shown below.
6. **COMPLETE!** Cover the screws with the **SCREW COVERS**, paint them as desired, or just leave them as they are. Happy climbing!

USING THE LAYOUT TOOL

The Layout Tool is used to ensure consistent spacing and hold the Frames in place while they are screwed to the wall.



All holes are spaced 1.53" apart. Use the Layout Tool as shown below to achieve the desired spacing between panels of height above the ground for the first panel.

Use 3 x 3/16" **BOLTS** (same as used to attach climbing holds) to temporarily fix Layout Tools in place, spreading Panels to desired spacing or leaving adjacent (recommended). Remove Layout tools once the Panel is screwed to the wall.

Spread Panels 0-8" apart using these holes →

Layout Tools can be shifted down to create the initial offset from the ground.