



PIPE CLIMBERS

INSTALLATION, OPERATION,
& MAINTENANCE MANUAL



WARNING – Improper assembly or use of this product and the activity of climbing has risks that can lead to injury, paralysis, and even death. Read these instructions and warnings before installation and use!

CONTACT US
shop@grohplayrooms.com

FIND MORE RESOURCES AT
shopgrohplayrooms.com

SAFETY INFORMATION

READ BEFORE INSTALLATION AND USE



FAILURE BY THE USER TO HEED ANY AND ALL INSTRUCTIONS, WARNINGS AND CAUTIONS FOR THE CORRECT INSTALLATION, OPERATION, CARE, AND MAINTENANCE OF CLIMBING PRODUCTS MAY RESULT IN SERIOUS INJURY OR DEATH.

The grOH! Shop's climbing and active play products are designed and specified for recreational use as a self-installable climbing product. Use of equipment for any purposes other than that intended by the manufacturer is not recommended. Pipe Climbers must never be installed onto any surface other than those specified within this manual.

Owners and users of any climbing/active play products purchased from The grOH! Shop are responsible for the safety and supervision of any person using the product and for ensuring proper installation and operation procedures are followed at all times. Proper installation requires careful planning and fastener placement for Pipe Climbers, including the supporting wall's structural elements. Owners and users are highly encouraged to have an experienced, licensed, & insured general contractor install active play features, including Pipe Climbers.

It is the responsibility of the installer to verify existing walls meet the minimum structural requirements listed in this document and are of sound construction without any defects. The grOH! Shop is not responsible for verifying the structure for Pipe Climber attachment.

Installation of our products is the responsibility of the customer, who assumes any liability for damage to property or injury. While every attempt is made to embody the highest degree of protection in all equipment, we cannot, however, guarantee freedom from injury. The user assumes all risk of injury due to use. All merchandise is sold on this condition, which no representative of the company can waive or change. Equipment should be inspected periodically by user for damage and wear and tested for stability.



WARNING- CLIMBING IS A DANGEROUS ACTIVITY

Climbing is inherently dangerous and may result in serious injury or death of a participant. Our Pipe Climbers are designed and specified for recreational climbing as an indoor-only self-installable climbing product which can be mounted on any appropriate support structure that meets its loading specifications including Concrete Masonry Unit (CMU), Concrete, Metal Studs, and Wood Studs. Brick is NOT an acceptable attachment structure.

Users of The grOH! Shop's Pipe Climbers are solely responsible for learning, implementing, and conveying to participants proper climbing techniques, including falling and good judgment. This includes knowing and observing the product's capabilities and limitations and ensuring the climbing area is free and clear from all obstructions including, but not limited to: furniture, protrusions, structures, or other objects, climbers, or observers. Users must be aware of all necessary precautions and dangers and must educate all participants in the proper use of Pipe Climbers as well as all third-party equipment such as fall attenuation padding.

SYMBOLS EXPLAINED



ENSURE THAT YOU READ AND UNDERSTAND ALL SAFETY PROCEDURES

The following safety symbols are used throughout this manual to highlight potential dangers. One or more precautions may be associated with practices and procedures described within this manual. Failure to adhere to any precautions highlighted can result in death, serious injury, or equipment damage.



DANGER

Indicates a hazardous situation exists that, if not avoided, will result in serious injury or death.



WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in serious injury or death.



CAUTION

Indicates a potentially hazardous situation that, if not avoided, may result in injury or equipment damage.

Please read the following statement and contact The grOH! Shop, in writing, if the intent of this document is unclear or questions arise. **YOU SHOULD NOT OPERATE THE PRODUCTS IN THIS MANUAL IF YOU DO NOT FULLY UNDERSTAND HOW TO OPERATE THEM SAFELY!**

This guide contains information on the proper assembly, maintenance, and use of Pipe Climbers. Ensure that this manual is readily available to users at all times.

OPERATING INSTRUCTIONS



Users of Pipe Climbers are solely responsible for the safety and supervision of any person installing or using the product. This includes learning, practicing, and conveying to participants proper climbing techniques including falling. Ensure the climbing area is free and clear from all obstructions including but not limited to: furniture, protrusions, structures or other objects, and other climbers. Users must inform participants of all necessary precautions and dangers and must educate all participants in the proper use of the Pipe Climbers as well as all third-party equipment such as fall attenuation padding.

Owners and users are to adhere to the following operating requirements:

- Climbers cannot exceed 150 lbs.
- Adult supervision is required by all users under 6 years of age.
- Proper fall technique is required.
- One (1) user at a time.
- Do not walk close to or behind a climber.
- Do not jump from the Pipe Climbers.
- Do not attach any item to the Pipe Climbers.
- Do not use the equipment in a manner other than intended.



NEVER INSTALL PIPE CLIMBERS ON A CEILING



NEVER USE PIPE CLIMBERS AS AN ANCHOR

Do not use any part of Pipe Climbers as an anchor component.



NEVER INSTALL PIPE CLIMBERS OVER A FOAM PIT

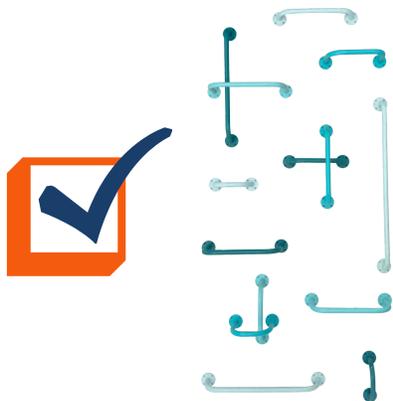
TOOLS & MATERIALS



TOOLS AND MATERIALS NEEDED FOR INSTALLATION (PROVIDED BY OWNER)

- Pencil
- Stud Finder
- Tape Measure
- Drill
- 3/16" Diameter Drill Bit
- Step Ladder
- 18"- 24" Level
- 4' x 8' x 3/4" Grade A Plywood
- Proper fasteners to secure plywood to wall

TOOLS AND MATERIALS NEEDED FOR INSTALLATION (PROVIDED BY GROH!)



Pipe Climbers (Set of 14)



2.25" Bugle Head Screws
(x112)

WARNING

ELECTRICAL OUTLETS

IF YOUR PIPE CLIMBERS WILL BE IN FRONT OF AN ELECTRICAL OUTLET

Before installing blocking, cap off any electrical outlets that will be behind your Pipe Climbers.

IT IS A FIRE HAZARD TO LEAVE LIVE ELECTRICAL WIRES BEHIND CLIMBING FEATURES.



STEP 1: INSTALL PREP

PROCURE MATERIALS FOR SAFE INSTALLATION & UNDERSTAND PIPE CLIMBER PLACEMENT



BEFORE INSTALLATION CAN BEGIN,

THE INSTALL LOCATION MUST BE PROFESSIONALLY INSPECTED AND EQUIPPED WITH PROPER STRUCTURAL SUPPORT. THE GROH! SHOP ADVISES OWNERS OF THIS PRODUCT TO HAVE INSTALLATION COMPLETED BY AN EXPERIENCED, LICENSED, AND INSURED GENERAL CONTRACTOR.



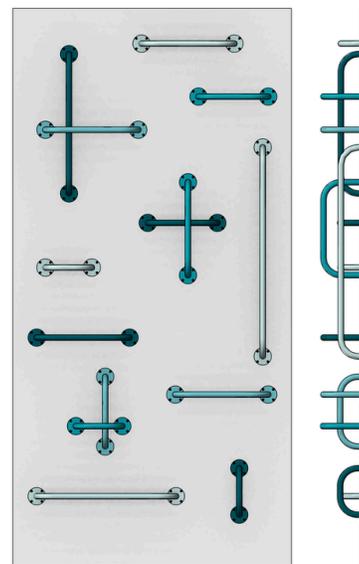
Pipe Climbers are intended to be installed utilizing a

4X8 SHEET OF 3/4" PLYWOOD BLOCKING*

**PLYWOOD IS NOT INCLUDED WITH PURCHASE OF PIPE CLIMBERS FROM THE GROH! SHOP*

The Pipe Climber layout has been perfected over time for safe and successful climbing for most users.

We highly recommend utilizing the layout described in this guide. Sizes and spacing of pipes have been designed for a 4' x 8' x 3/4" sheet of plywood blocking to suit many standard 8' ceilings. If your space has a lower ceiling, use the measurement guide first as a starting point when beginning installation. Adjust each pipe's location to fit your blocking while keeping the proportions intact.



EXTERNAL BLOCKING, OR 3/4" PLYWOOD, PROVIDES AMPLE SUPPORT AND AN ACCEPTABLE MOUNTING SURFACE FOR PIPE CLIMBERS. YOU MUST ENSURE EXTERNAL PLYWOOD BLOCKING IS CORRECTLY MOUNTED TO THE STUDS OR JOISTS BEHIND YOUR WALL.

NOTE: INTERNAL BLOCKING MAY BE UTILIZED, BUT EXTERNAL IS HIGHLY RECOMMENDED FOR LONGEVITY.

INSTALL: STEP 2

SORT BY COLOR AND SIZE (SET OF 4 COLORS)

Color A

A1: 4" x 16"

A2: 4" x 36"

A3: 4" x 8"

A4: 4" x 24"

Color B

B1: 4" x 24"

B2: 4" x 12"

B3: 7" x 16"

B4: 4" x 8"

Color C

C1: 7" x 12"

C2: 7" x 16"

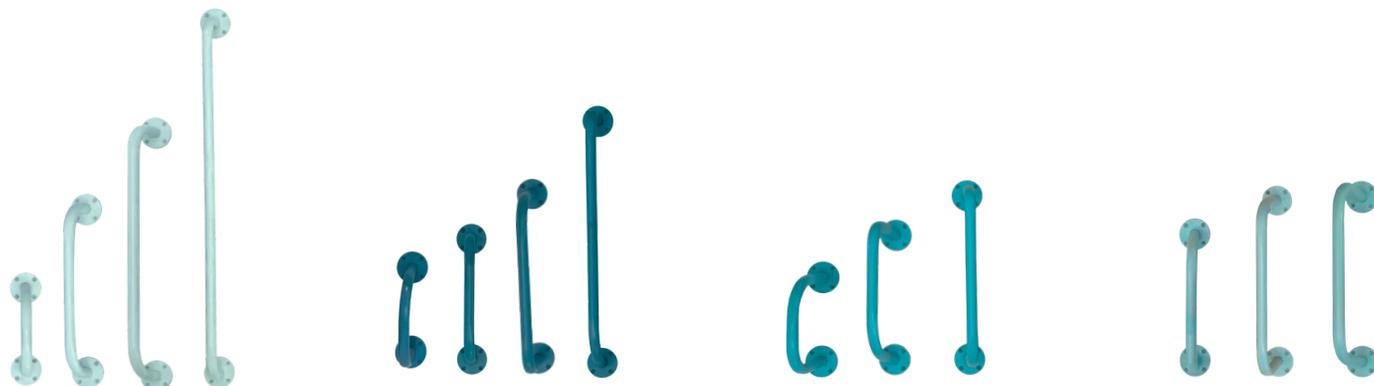
C3: 7" x 8"

Color D

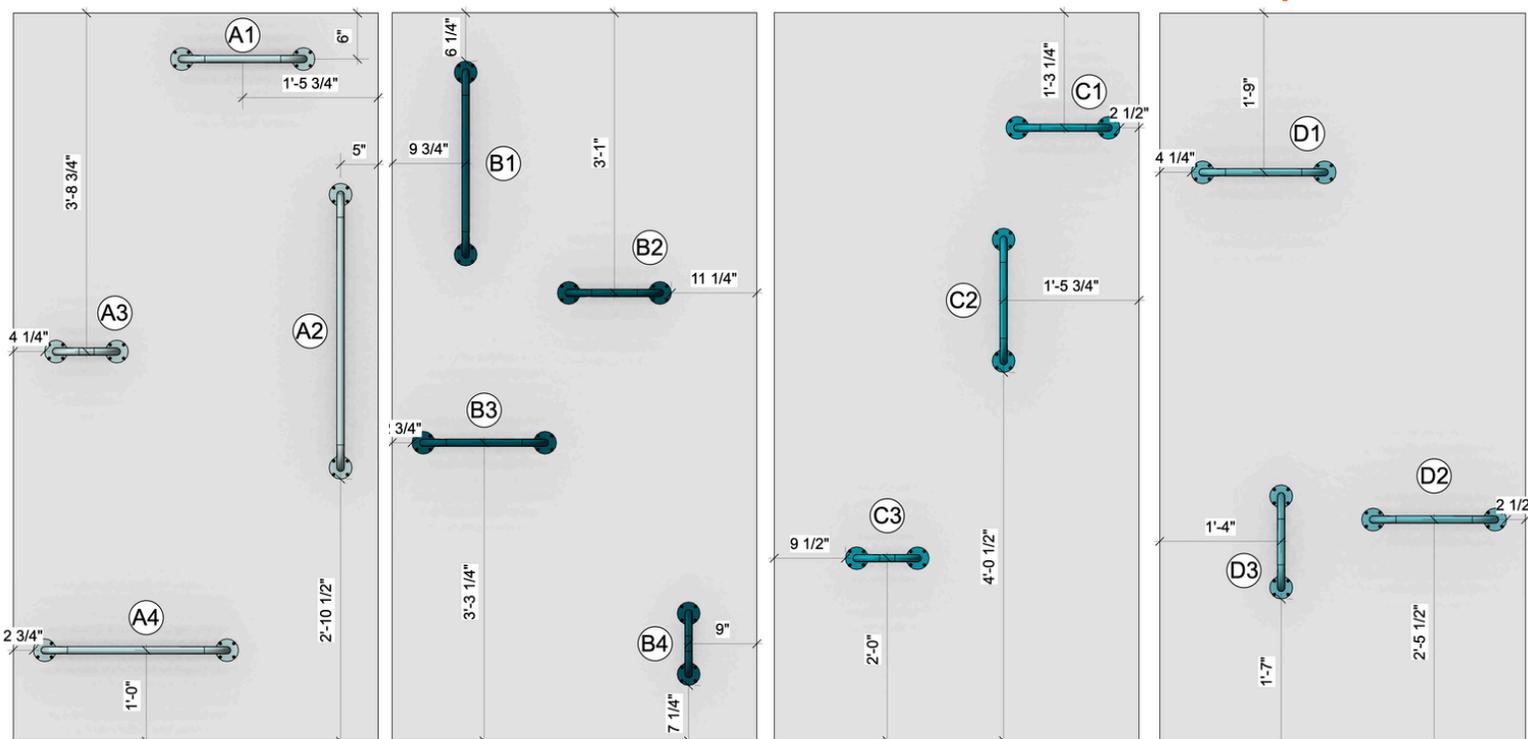
D1: 7" x 16"

D2: 7" x 16"

D3: 4" x 12"



USE MEASUREMENT INFORMATION BELOW IN STEP 4



A set of 14 Pipe Climbers is designed to be installed on a 4x8 sheet of plywood blocking. Images showing smaller groups of Pipe Climbers are included solely to illustrate measurement details and are not intended to suggest specific installation layouts.

INSTALL: STEP 2

SORT BY COLOR AND SIZE (SET OF 3 COLORS)

Color A

A1: 4" x 16"

A2: 4" x 36"

A3: 4" x 8"

A4: 4" x 24"

Color B

B1: 4" x 24"

B2: 4" x 12"

B3: 7" x 16"

B4: 4" x 8"

Color C

C1: 7" x 12"

C2: 7" x 16"

C3: 7" x 8"

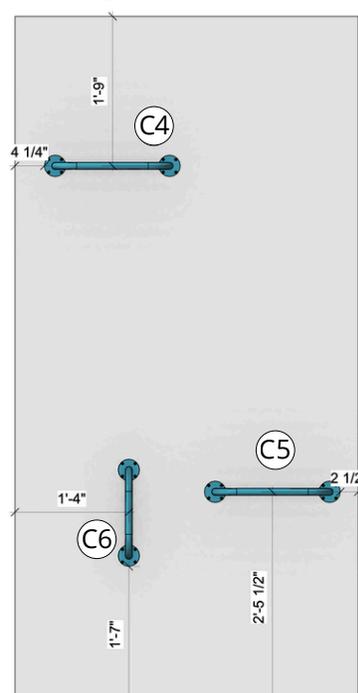
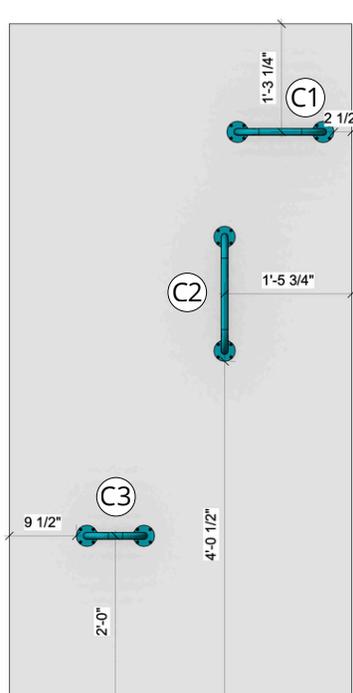
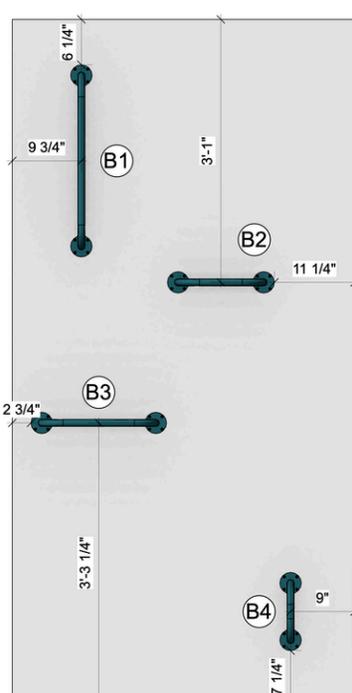
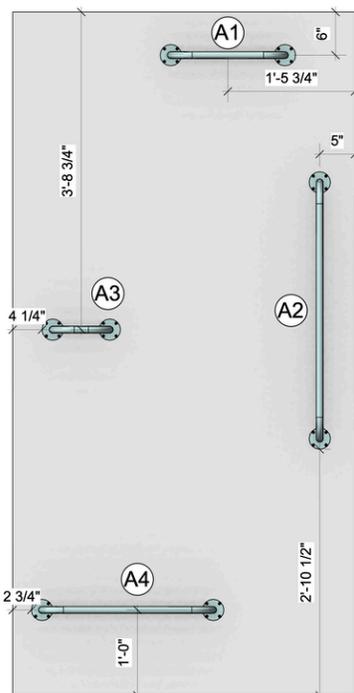
C4: 7" x 16"

C5: 7" x 16"

C6: 4" x 12"



USE MEASUREMENT INFORMATION BELOW IN STEP 4



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INSTALL: STEP 2

SORT BY COLOR AND SIZE (SET OF 2 COLORS)

Color A

A1: 4" x 16"

A2: 4" x 36"

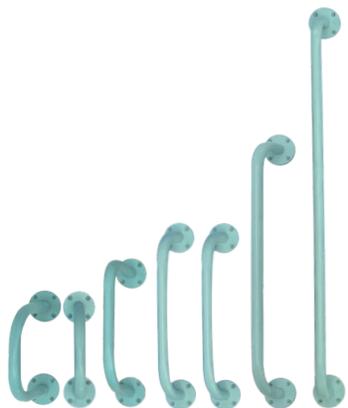
A3: 4" x 8"

A4: 4" x 24"

A5: 7" x 12"

A6: 7" x 16"

A7: 7" x 8"



Color B

B1: 4" x 24"

B2: 4" x 12"

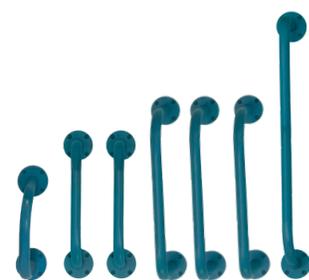
B3: 7" x 16"

B4: 4" x 8"

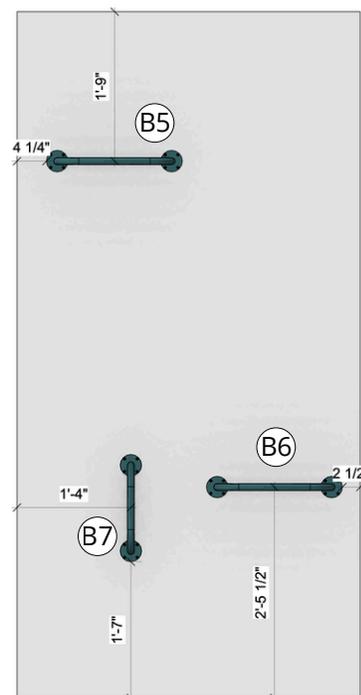
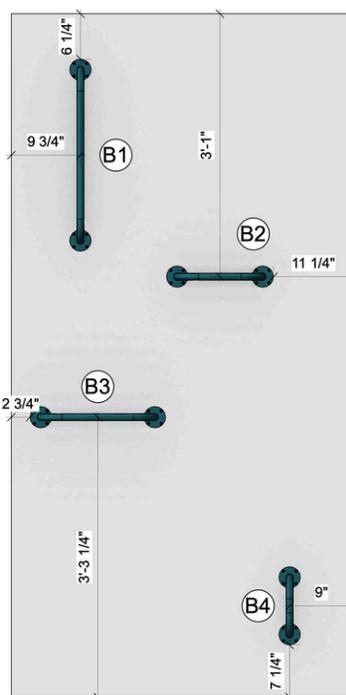
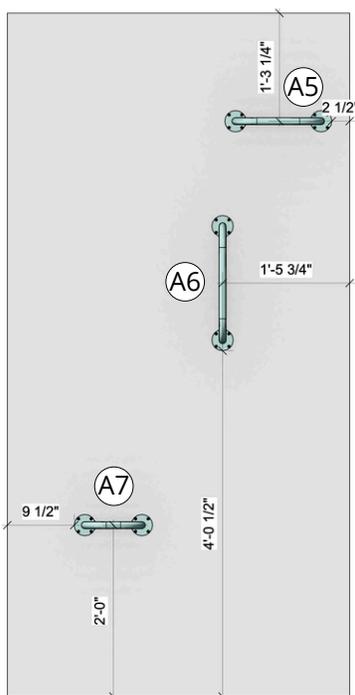
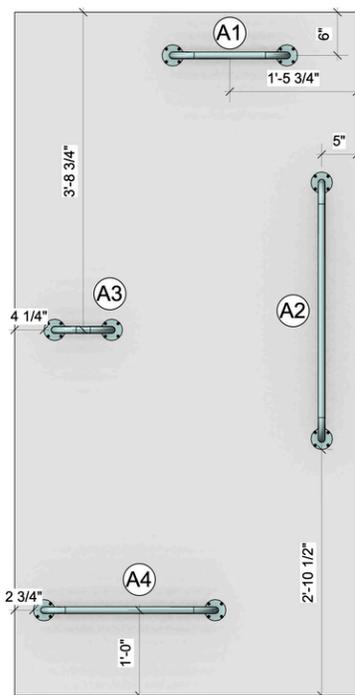
B5: 7" x 16"

B6: 7" x 16"

B7: 4" x 12"



USE MEASUREMENT INFORMATION BELOW IN STEP 4



A set of 14 Pipe Climbers is designed to be installed on a 4x8 sheet of plywood blocking. Images showing smaller groups of Pipe Climbers are included solely to illustrate measurement details and are not intended to suggest specific installation layouts.

INSTALL: STEPS 3-5



PLANNING

STEP 3

Determine the area on your wall in which you want to mount your Pipe Climbers. It is up to you if the plywood begins at the floor or above a baseboard.

*PLEASE NOTE: the measurements provided assume the blocking begins FROM THE FLOOR. Adjust the measurements **down** if installing above the baseboards to keep the first horizontal pipe at the appropriate height for young climbers (12").*

Using a stud finder, locate and mark all studs in the designated climbing area. Ensure to mark the center of each stud. Studs are most often spaced 16" or 24" apart. Use the marks to measure and repeat marking the location of the studs on the face of the plywood so anchor points for the blocking can be planned to not interfere with a pipe. It is vital that all Pipe Climbers are completely backed by blocking.

Confirm the height from floor to ceiling (mounting location height) and trim the plywood to fit. If it is available to you, use a router to round the forward-facing edges.

STEP 4

Before installing the plywood blocking, plan your Pipe Climber layout by following the provided measurements and guidelines based on how many colors are included in your set of Pipe Climbers.

Begin with color set A and continue to add each set, measuring along the way. Once the Pipe Climbers are in your desired layout, TAKE A PICTURE to reference later.

Pipe Climbers are intended to be installed on a full-size 4' x 8' x 3/4" sheet of plywood blocking, starting from the floor. If your space has a lower ceiling, use the measurement guide first as a starting point when creating the layout. Adjust each pipe's location to fit your blocking while keeping the proportions intact.

STEP 5

Double check each pipe's location and ensure all pipes are level. Mark the location of all mounting holes, remove the pipes from the plywood, and set aside.

PRO TIP: DRAW AN ARROW ON THE BACK OF THE PLYWOOD BEFORE MOVING IT SO YOU KNOW WHICH WAY IS UP!

INSTALL: STEPS 6-10



SECURING BLOCKING & PIPE CLIMBERS

STEP 6

Drill pilot holes in the blocking at each mark.

Note: the bit size for the stud fasteners may differ from the to bit recommended for the Pipe Climber screws.

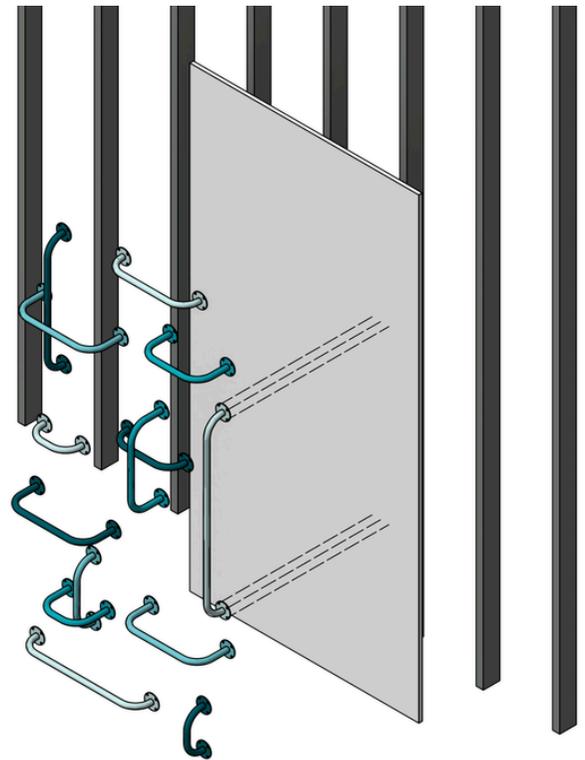
Failure to properly drill pilot holes may split the stud or blocking, resulting in major structural rework to your wall and Pipe Climber project.

STEP 7

Install the plywood to the structural elements within your wall. Use appropriate fasteners for your wall/stud type to install plywood into studs. Use paintable caulk to seal around the edges of the blocking to create clean seams. Paint the plywood to match your walls or the color of your choice **before** installing the pipes.

STEP 8

Install your first climber using a drill or impact driver, install a screw through each mounting hole. Do not fully tighten until each screw is in place. Once all screws are installed, fully tighten each, checking for solid engagement between the screw and the blocking.



PRO TIP: INSTALL PIPE A1 (TOP) FIRST AND WORK YOUR WAY DOWN THE WALL

STEP 9 **Inspect your install;** be sure each fastener is securely installed.

Repeat installation Steps 8 and 9 for all additional climbers.

STEP 10 *Safety is our top priority. Read all warnings and double check your work before allowing anyone to begin climbing.*

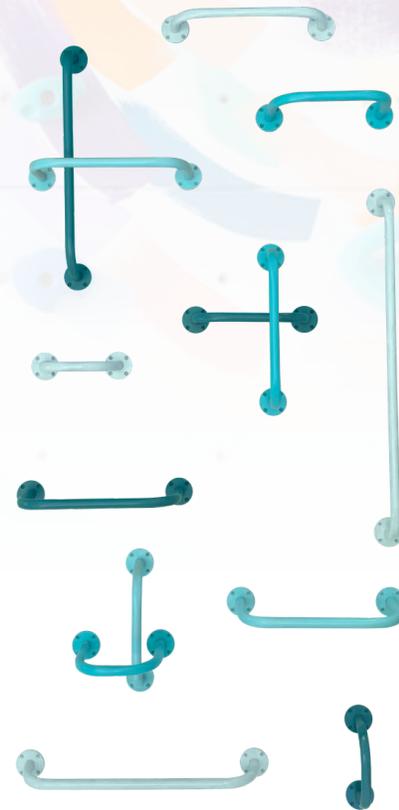
MAINTENANCE INSTRUCTIONS

CARING FOR YOUR PIPE CLIMBERS

Pipe Climbers and hardware must be inspected and maintained every 30 days for proper attachment. Owners or users with installations that receive heavy use may need to perform inspections more frequently.

Every 30 days:

- Clean any dust, dirt, or contamination off of the Pipe Climbers and fasteners with a clean damp cloth.
- Visually inspect for separation between the Pipe Climbers and the wall.



DO NOT USE SOLVENTS OR ABRASIVES
Clean with a cloth only. Do not use any cleaners, solvents, or abrasives on any part of the Pipe Climbers or associated equipment.

FAQ

FREQUENTLY ASKED QUESTIONS

DIY INSTALLATION

DO I NEED A CONTRACTOR TO INSTALL PIPE CLIMBERS?

The grOH! Shop recommends an experienced, licensed, and insured contractor install your Active Play features. Whoever installs this product should explicitly follow directions laid out in this document.

WHAT IF MY CEILING HEIGHT IS MORE THAN 8'?

Free climbing (without a belay) above 8' is not recommended.

WHAT IF MY CEILING HEIGHT IS LESS THAN 8'?

We highly recommend utilizing the layout described in this guide. Sizes and spacing of pipes have been designed for a 4' x 8' x 3/4" sheet of plywood blocking to suit many standard 8' ceilings. If your space has a lower ceiling, use the measurement guide first as a starting point when beginning installation. Adjust each pipe's location to fit your blocking while keeping the proportions intact.

WHAT TOOLS DO I NEED TO INSTALL? WHAT DOES MY WALL NEED TO BE MADE OF?

DO I NEED TO BUY SCREWS?

Please see the Tools & Materials Page within this document for tools required for install. Pipe Climbers can be installed on CMU, Concrete, or studs. Wood screws are included, but you may need to buy screws depending on the type of wall you are mounting to. You CANNOT install to brick or rock veneer.

FLOORING

DO I NEED PADS ON THE FLOOR?

We always recommend fall protection. Check out our [SAFETY MAT OPTIONS](#).

IS THERE A FALL SPACE REQUIREMENT?

The grOH! Shop recommends a 6' (six foot) minimum perimeter around Active Play products for maximum falling or dismounting clearance.

ELEVATE YOUR KIDDO'S PLAY (LITERALLY!)

Your Pipe Climbers will revolutionize your kiddos' playtime! Gross motor play is vital to proper development!



INTERESTED IN A GROH! MURAL?

Enjoy a signature grOH! mural on your walls, ceiling, climbing panels, or anywhere you like! Check out all of our murals at shopgrohplayrooms.com!



SHARE PHOTOS WITH US!

Please share photos! We love to see how your space has transformed!

Don't worry, we won't share photos without your consent!



CONTACT US

shop@grohplayrooms.com

FIND MORE RESOURCES AT

www.shopgrohplayrooms.com