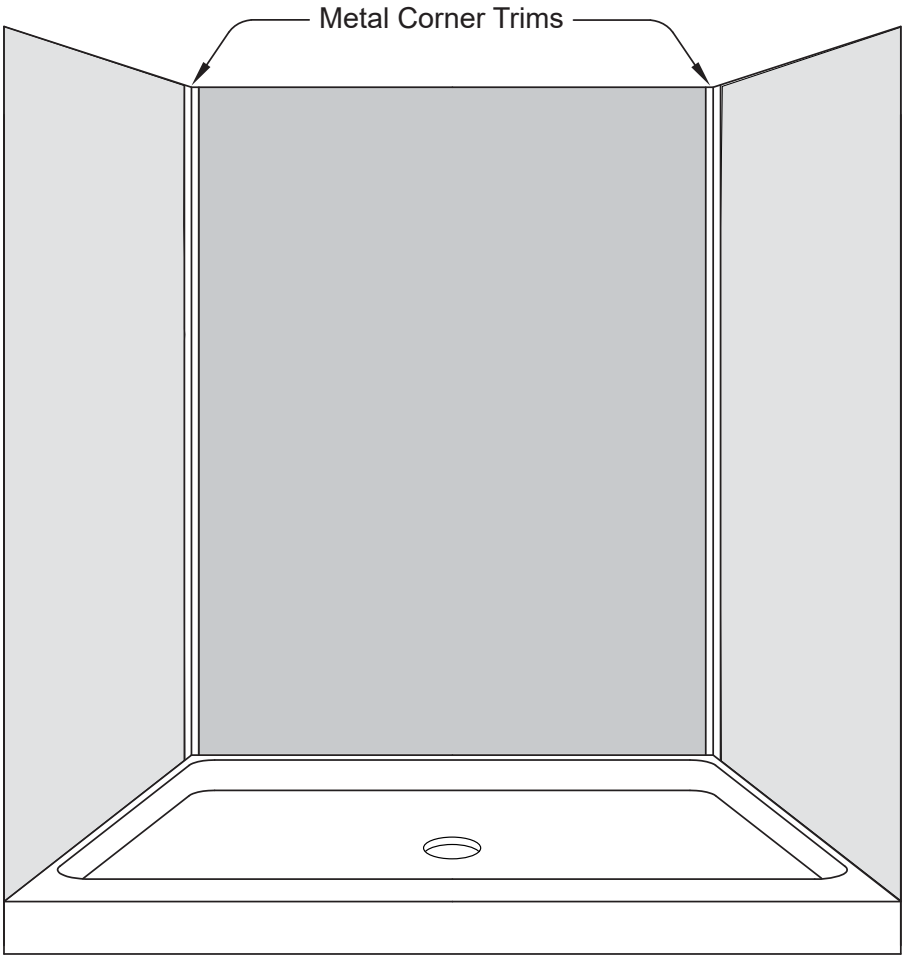
Swan
BUILDING BETTER SURFACES

EverGrout™

Swanstone Shower Walls With Metal Trims

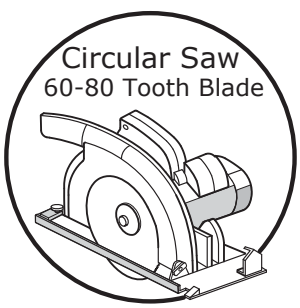
Installation Guide

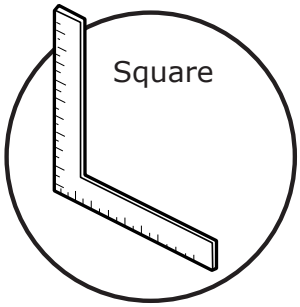


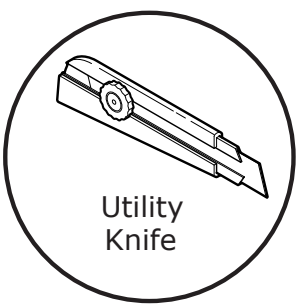
Shower base installed in alcove with Swanstone Wall System with metal corner trims.

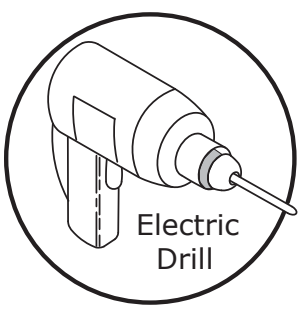
This wall system does not require bracing at the time of installation.

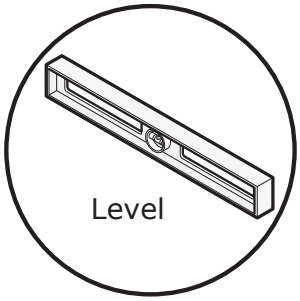
Tools and Supplies Required

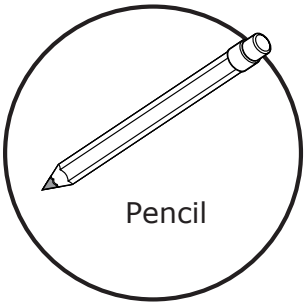


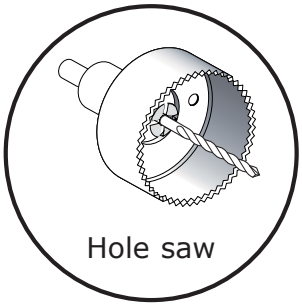


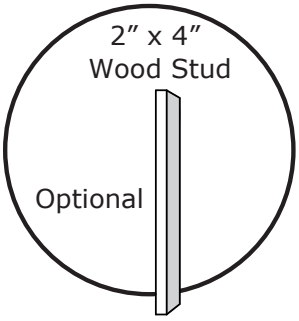








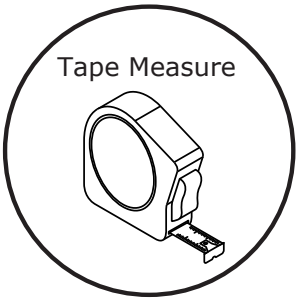


















Work Safely

Always refer to the Installation Guide.

The Swan Assurance — if our product is properly installed and maintained, as stated in these instructions, it will not leak.

Remember – Safety First

IMPORTANT NOTICE

The Swan Corporation, the makers of the Swan products, cannot anticipate every possible circumstance that might involve a potential hazard during the installation of our product(s). The warnings and instructions in this installation guide are, therefore, not all-inclusive. If a tool, installation procedure, or work method that is not specifically recommended by the Swan Corporation is used, you must satisfy yourself that it is safe. You should also make sure that the Swan product(s) will not be damaged by the methods you choose. The Swan Corporation will not be held responsible for water damage of any kind in connection with the installation of one of our Swan bath/shower/panel kits.

⚠ WARNING

To avoid product damage, personal injury, or even possible death, carefully read, understand, and follow all the instructions in this installation guide before installing this product(s). Do not use cleaning fluids or operate power tools unless you read and understand the instructions and warnings in this and all other applicable labels or manuals. Proper use of tools and the products described in this guide is your responsibility.

WARRANTY

This product is covered by a Limited Lifetime Warranty. Refer to the Warranty section in this manual for complete details.

Save this manual for future reference.

Important information on cleaning, maintenance, and repair is contained within.

IMPORTANT NOTICE

IMPORTANT NOTICE: Indicates that equipment or property damage can result if instructions are not followed.

Read and Understand the Manual
It is the responsibility of any individual who installs or maintains this product to fully understand and follow proper installation and maintenance procedures. Be aware of the inherent dangers in the use of power tools when installing this product. Read and understand all Warnings, Cautions, and Important Notices in this manual.

Work Safely
DO NOT proceed if any doubt arises about the correct or safe method of performing anything found in this or other Swan Corporation manuals. The installation of this product can require using power tools. Do not use power tools without adequate training. If necessary, hire or consult a trained professional for expert assistance before continuing.

Use Proper Tools
Always use proper tools which are in good working condition during the installation of the Swan Corporation products. Using tools other than those listed could adversely affect the integrity of floors, pipes, walls, or this product and could result in water damage or other damage to floors, pipes, walls, or other portions of your building or home.

Do Not Use Nails
The panels mount to walls with 100% clear silicone sealant and adhesive tape only. The Swan Corporation recommends 100% clear silicone sealant to mount this product. Never use hammers, nails, or screws. Hammers, nails, and screws could adversely affect the integrity of this product. Nails and screws could puncture the Swan Corporation Wall Systems and Panels, resulting in water or other damage to floors, pipes, walls, or other portions of your building or home.

Inspect Before Cutting
Make sure no electrical wiring or plumbing is present before cutting into a wall to install any accessories.

Wall Conditions
Inspect the walls before installing the Swan Corporation panels. Never install panels over damp walls or an existing mold condition.

⚠ CAUTION

CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in injury. It may also be used to alert against unsafe practices.

Use Proper Installation Methods
Follow all instructions related to wall surface preparation. Failure to follow such instructions could cause the panels to detach from the wall surface after installation, resulting in personal injury. Failure to follow these instructions could result in water damage.



Lifting Hazard
According to the National Institute for Occupational Safety and Health, the recommended maximum safe lifting weight is 51 pounds, with all lifting conditions perfect—minimal forward reach, steady load close to the body, straight back, load between knees and shoulders, and good grips. To avoid personal injury, always use these proper lifting techniques and use two people to move cartons weighing more than 51 pounds. The boxes containing the Swan Corporation kits can weigh in excess of 80 pounds. Use the appropriate lifting devices to move the load. Always use two people when lifting heavy or bulky cartons. DO NOT attempt to lift objects that are too heavy.
WHEN CARRYING A HEAVY LOAD—GET HELP!



Slipping Hazard
Do not install this product in the presence of water. Installing this product without drying all surfaces, or in the presence of water, could cause you to slip and fall due to wet floors or spilled fluids. Personal injury can result from slips or falls. Before installation, dry all surfaces, including the floor, with a cloth or paper towel. Clean up all water or spilled fluids immediately.



Tripping Hazard
Personal injury can result from tripping over power cords, tools, or other items. DO NOT leave items laying around the work area.



Personal Protection
Be sure to use all personal protective equipment, such as sturdy work boots, preferably with steel toes, gloves, and hard hat, if necessary, to ensure your own safety. To prevent possible damage to your hearing, always wear ear protection, such as earmuffs or earplugs, when working around power tools.



Cutting Hazard
The installation of the Swan Corporation product may require using power tools. Keep hands away from the cutting edge of any tool used in the installation of our product. Placing fingers in or around the cutting blades could result in serious personal injury.



Sharp Edge Hazard
After cutting the edge of a Swan Corporation panel, it can be sharp. Wear protective gloves to prevent personal injury.



Room Temperature
Allow the Swan Corporation panels to adjust to room temperature for at least six hours before installation, and consult the 100% silicone sealant manufacturer's instructions for storage and surface preparation. The panels should be installed at temperatures not less than 55°F. Panels should not be installed in areas where the temperature may drop below freezing (32°F). Failure to follow this recommendation could adversely affect the silicone sealant and adhesive tape which holds the panels to the wall. If the panels are not correctly adhered to the walls, they may fall fall off, causing possible injury to someone in or around the bathtub enclosure.



Grab Bars
We recommend installing support grab bars that comply with the most recent edition of ANSI-A117.1 requirements. Grab bars must be anchored to structural support (wall studs) behind the panels. Do not rely on the panels only for grab bar support!

⚠ WARNING

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



Eye Protection
Be sure to use all personal protective equipment to ensure your own safety. To avoid eye injury, always wear protective glasses with side shields when using power tools. Also, make sure no one else can be injured by flying particles when using power tools.



Fire Hazard
Personal injury or death can result from a fire caused by flammable liquids or silicone sealants. Cleaners or solvents can be highly explosive, resulting in personal injury or even death, when not used properly. Clean up any flammable substance immediately. Sparks or open flames can cause flammable substances to ignite. DO NOT smoke while working on or near any flammable substance.



Solvents Hazard
Follow all manufacturer's safety instructions for silicone sealants and denatured alcohol. Alcohol vapors are both flammable and hazardous to breathe. Silicone vapors may irritate eyes and nose. Personal injury can result from improperly handling or use of products, such as denatured alcohol. Always follow the manufacturer's recommendations for the safe use of these products. Ventilate any work area before beginning to apply silicone sealants, cleaning agents, or solvents.



Fumes Hazard
The fumes from the silicone sealant and solvents used by the installer can be harmful if used in an unventilated room. Always work in a well-ventilated area. To keep the area well-ventilated, open windows and use exhaust fans. If adequate ventilation is not achievable or practical, use respiratory protective equipment.



Dust Hazard
When cutting or drilling the Swan Corporation product, use a dust collection method which prevents dust particles from going into the air. Always work in a well-ventilated area. Always use an OSHA approved dust mask when cutting, drilling, or sanding Swan Corporation products.



Power Tool Hazard
To prevent personal injury or possible death, always follow the electrical safety recommendations of the power tool's manufacturer. Do not use power tools in an unsafe manner. Power tools should only be connected to a circuit protected by a ground-fault circuit interrupter (GFI).

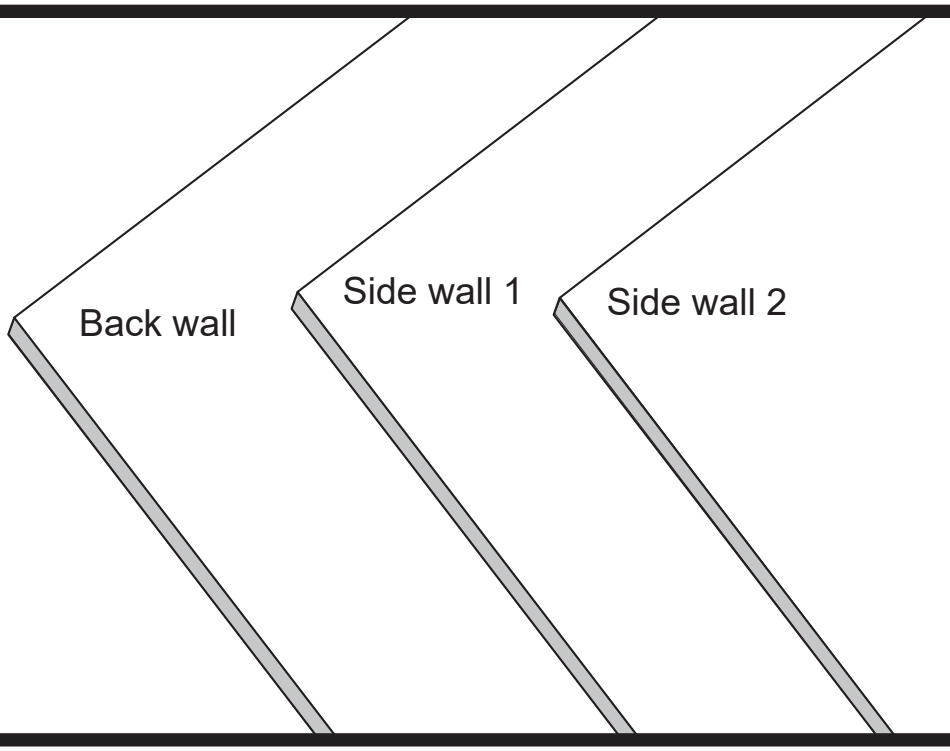


Shock Hazard
Never use electric power tools around water, condensation, or other liquids. Electric shock can cause severe burns, significant injuries, and even death. If an extension cord is required, always use an OSHA approved extension cord. Power cords should only be connected to a circuit protected by a ground-fault circuit interrupter (GFI).



Electrical Shock Hazard
Contacting live electrical wiring with power tools or hand tools can cause serious injury or death. Make sure all related circuit breakers are turned OFF. Test for live circuits or wiring inside any wall where installation of the Swan Corporation product requires cutting into a wall.

Wall system includes
3-Swanstone panels
with
2-metal corner channels
and
2-metal front trims



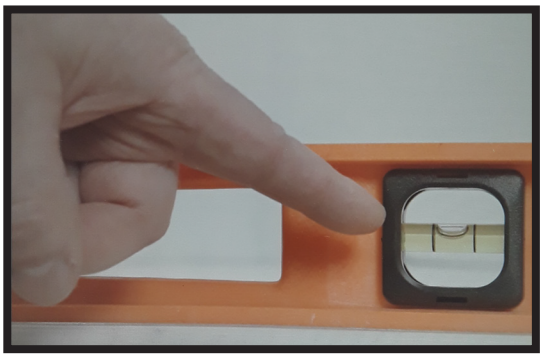
Installing Swanstone shower walls using corner and edge metal trims method.

Use a bubble level, check that the shower base is level on all sides.

Use the level to confirm all walls are square and plumb.

Make adjustments if required.

These steps are CRITICAL to assure a successful installation of the walls.





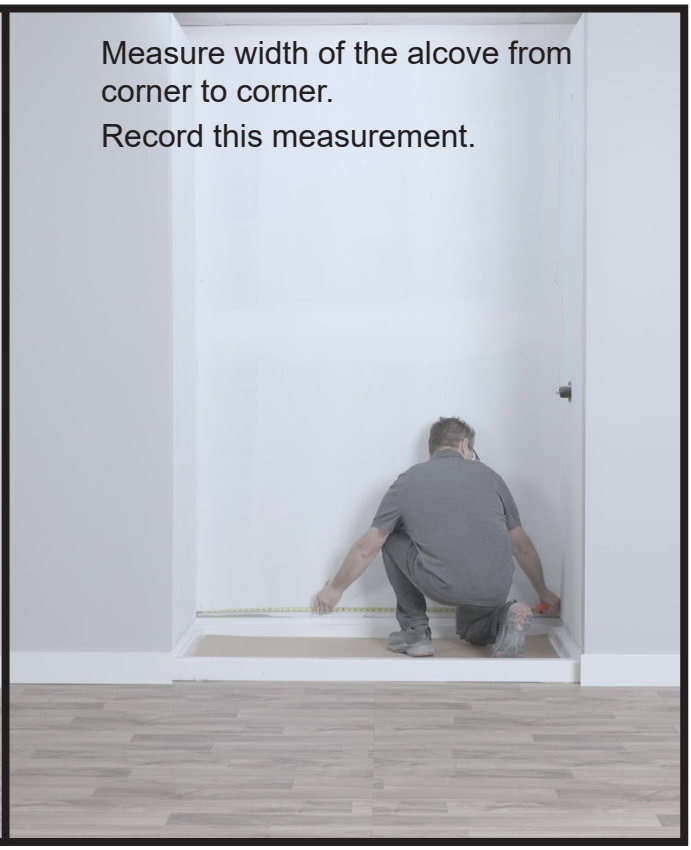
IMPORTANT! Before working inside unit, cover the shower floor with cardboard to protect the surface from damage.

The next step is to measure the width and height of the alcove for fitting the wall system.

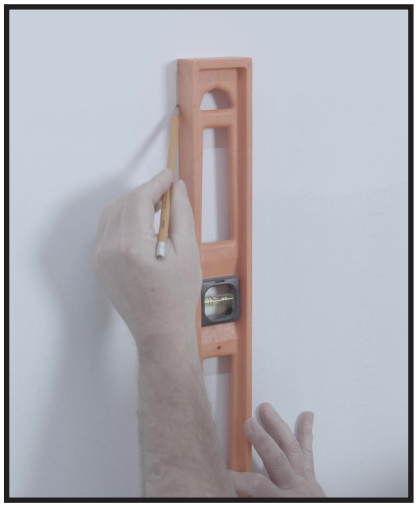
First measure the height of the alcove above the base. Next measure the height of the wall panels. The wall panels may be trimmed for height if required.

Measure and mark on the alcove wall board with pencil the top height of the wall panels.







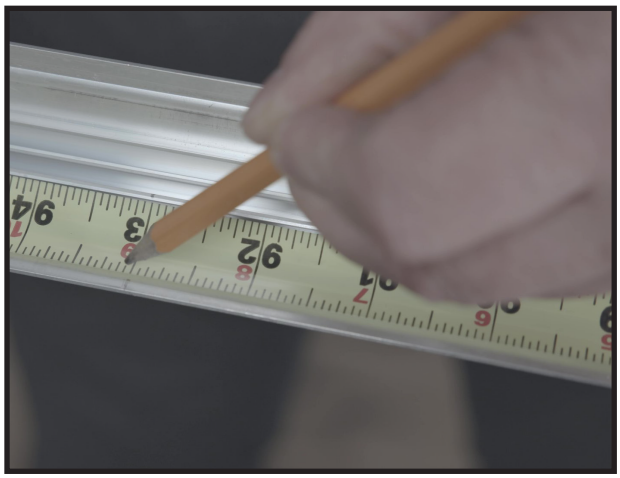




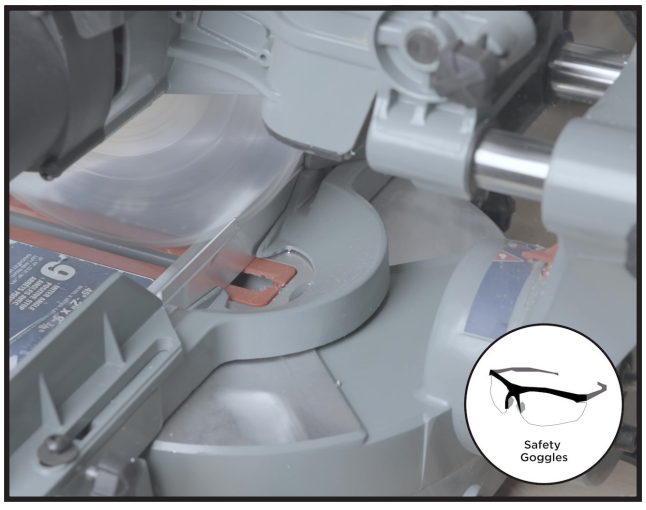
Measure and mark the mid-point of the alcove width along the back wall. Using a level, draw a vertical line on the back wall from the shower base to the top of the alcove.



Mark the midpoint of the back wall. Mark both the width and height for the wall panels. Draw vertical and horizontal lines on the wall board.

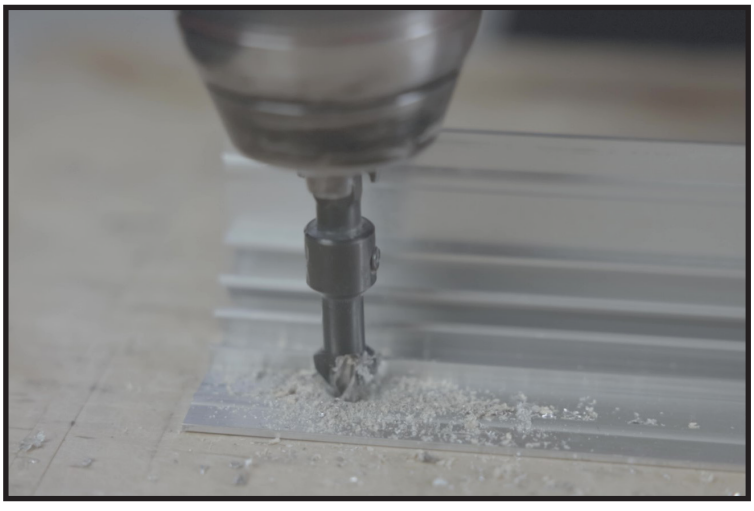


The next step is to cut the height of the metal corner channels. These will be the same measurement as the wall panels.

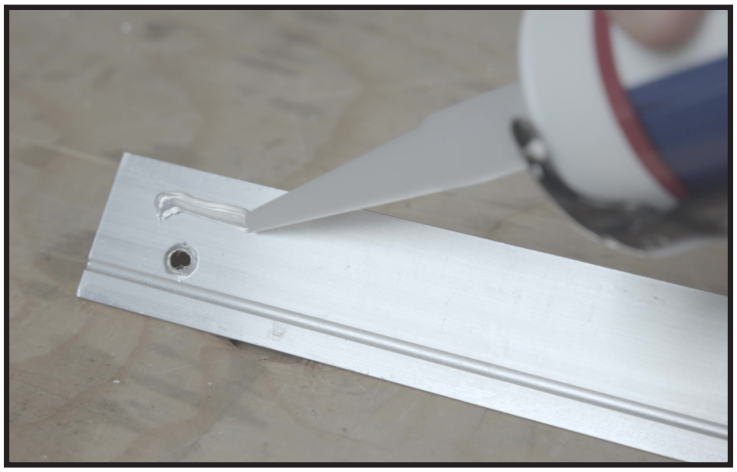


Cut the metal corner trim channels to match the height of the shower wall panels.

IMPORTANT! Always use safety goggles when using power equipment!



After cutting the channels, use a Countersink Drill Bit to drill recessed holes through both sides of the channel. Drill holes one inch from each end. Drill a minimum of 4 holes along each side.



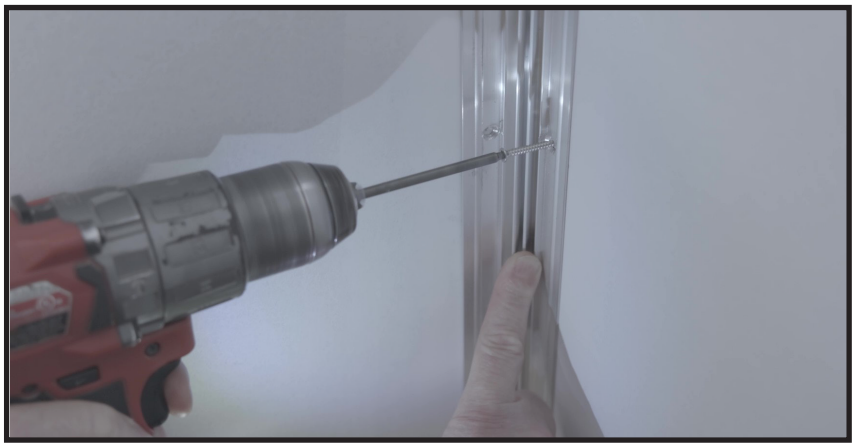
Apply a line of silicone along both sides of the metal channel.

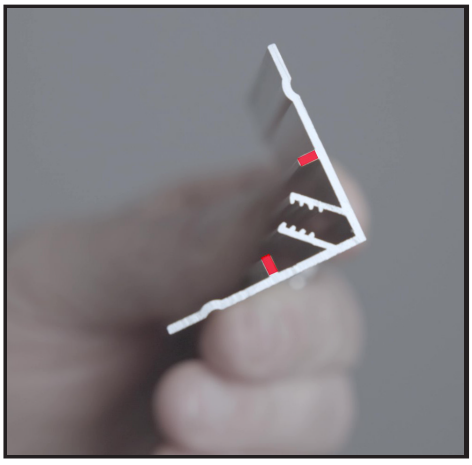


Place metal corner channel into each corner.

Secure the metal channels to each corner through into the alcove framing using stainless steel or galvanized flat head screws.

After these channels are secured, the next step will be to measure for the width of the back wall panel.



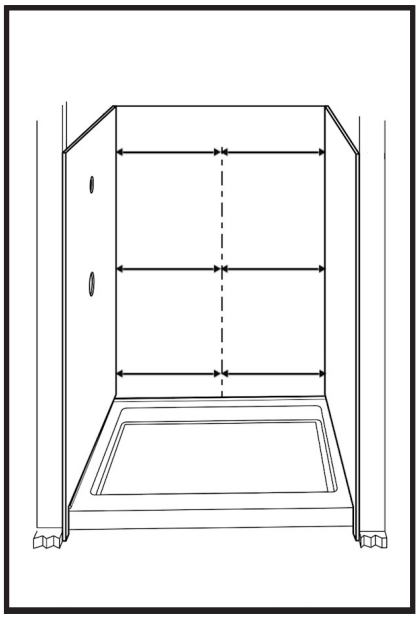


The back wall panel must fit between the stoppers on each metal channel.
Stoppers are shown in **RED**



Hold a tape measure from the stopper in one corner over to the stopper in the opposite channel.

In this example, the measurement is 58 inches.
NOTE: Your installation may be a different measurement.



Note the measurement pattern shown in the diagram to the left.
These measurements will determine the width cuts for the back panel.

Measure across the panel left to right. After measuring the panel width, mark the center with pencil marks at the top and bottom edge of the panel.

Apply a strip of masking tape at these marks running from top to bottom.

Use a straight edge and pencil and draw a vertical centerline on the tape.

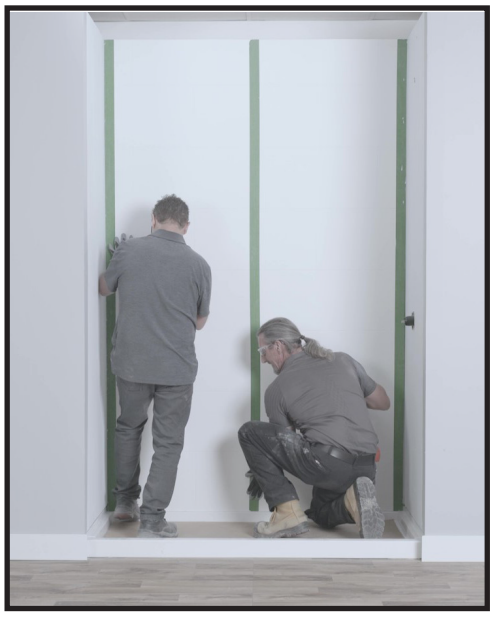
See instructions below for layout of the back panel.



First mark the trimming for the width. From the top to bottom centerline, use the measurement you took in the alcove for back panel width, Split this measurement in half at the vertical centerline. This will indicate the width from left to right. Use a straight edge and draw a pencil line at each side to indicate the cutoff lines.
Apply masking tape to the panel near these lines to protect the surface from scratches when cutting.

Now mark the trimming for the height. Mark the height for all three panels at this time. Measure the height of the panels to match the height of the metal channels. Mark this measurement near each edge. Using a straight edge and pencil draw a line on the panel for the cut off line. Apply a strip of masking tape next to this line to protect the surfaces from scratches when cutting with a circular saw.

Cut the height from the bottom of all panels to ensure grout lines stay aligned on all three sides.
Minor cutting in-perfections will be covered by silicone or bathroom caulk at the end of the installation.
Apply masking tape near these lines to protect the surface from scratches when cutting with a circular saw.



Carry the trimmed panel to the alcove to test the fit. (This is a 2-Person Job).

Make any adjustment if required.

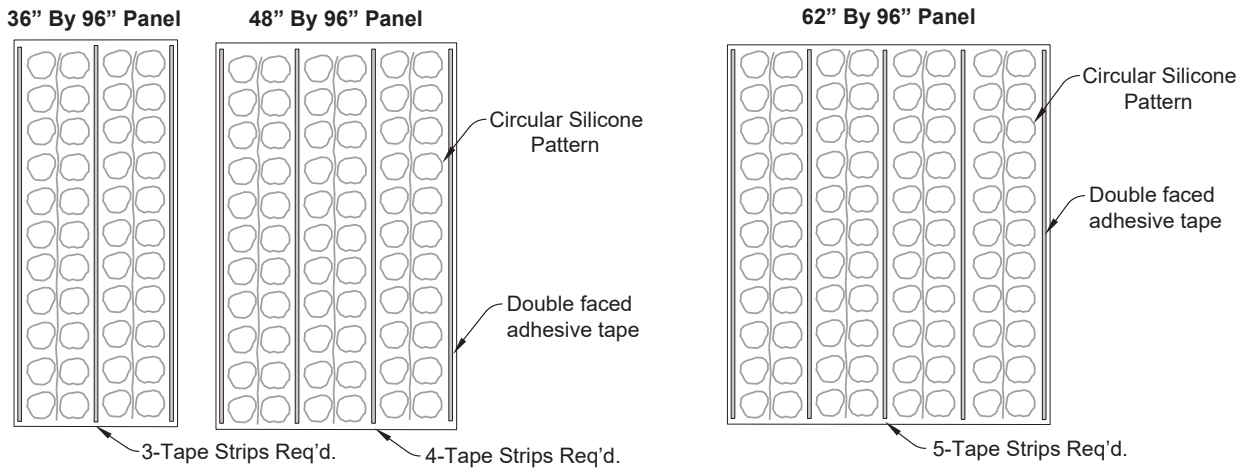
NOTE: You can make the cuts for the height on both side panels at this time. However, the side panels must be placed in the alcove to find the front to back depth measurement. This is later in this guide shown on Page 11.



When fit is satisfactory, place panel on saw horses with back side up. Clean this surface with acetone or any alcohol based cleaner to remove any debris or residue.

Allow to dry completely before applying tape and silicone adhesive.

Pattern of adhesive and double-faced tape to the back of wall panels



Note pattern of tape and silicone above
Apply tape first, then the silicone

Depending on the width of the panel, follow the pattern above for applying double sided foam tape from top to bottom on the back of the panel, making sure to leave a clear edge to grab and carry the panel.

Follow the pattern above for applying silicone in a circular pattern between the strips of foam tape as shown.

Note pattern of tape and silicone above
Apply tape first, then the silicone

Double faced adhesive tape may have paper backing on both sides. The adhesive must be exposed on the panel side when installing tape strips to the back of the panels.



Before installing the back panel, a good tip is to cut and place shims along the back side of the shower base to ensure alignment with side wall panel.



Apply a line of silicone in the channel on both sides.

INSTALL THE BACK PANEL.
This is a 2-person job. Carefully move the panel into the alcove. Insert the back wall panel in at an angle, securing one side, then slide in the other side.

Carefully make sure the bottom edge is in position resting on the shims on top of the shower base.

When satisfied with the fit, press the panel firmly, making sure to apply more pressure along the double face tape.

Cut off the extra pieces of shims.

Now it is time to prepare the side wall panels for installation.





TRIAL FIT THE SIDE PANELS Place shims along the top of the shower base as you did for the back wall.

Carefully lift the side wall panel (opposite the valve) into the alcove. Place it as shown above so the back corner edge of the panel is against the stop on the metal channel.

NOTE: The height of the side panels should have been cut as indicated on Page 9 to ensure grout lines match up. Refer to these instructions for determining how to mark and cut the height of the side panels.



With the side panel seated in the corner, check at the entry to see how much extra material must be cut away.

Pro Tip: Cut a piece of plastic or wood with the same size as the overhang. Use it as a guide to mark the bottom and top of the panel.

Repeat this trial fitting procedure with the valve wall panel.

TRIMMING THE SIDE PANELS FOR DEPTH

Lay the side panels on a sturdy surface, finish side up. Following the marks made at the front edge, use a straight edge and pencil to mark a line from the top to bottom for the cut line. Apply a strip of masking tape along this line to prevent scratching the surface when using the circular saw.

Place shims and carry the side panel opposite the valve side and trial fit in the alcove. Set the valve side panel aside for later installation.

If the fit is satisfactory, lay the panel on saw horses finish side down. When cleaning and applying silicone and double sided foam tape to this panel, refer to the instructions for this on Pages 9 and 10.

Remove the backing on the double sided foam tape for permanent installation.
Next apply a bead of silicone to the metal channel where the panel will rest.

Carry the side panel to the alcove and install, making sure the back edge is against the stop on the channel and shims are in place. Confirm fit is satisfactory along the shower base.

When satisfied with the fit, press the panel firmly, making sure to apply more pressure along the double face tape.

Cut off the extra pieces of shims.





After side panel is installed, apply a thin bead of silicone full height on the edges of the side and back panels right at the corner. This will help seal this area when the cover trim piece is installed.



Now install the corner trim piece in the finished corner.

This piece will snap into the metal channel. It covers the seam in the corner providing a water-resistant seal and a clean, finished appearance,

To install the trim piece hold the trim against the corner, There is a opening between the metal tabs with teeth. The vertical tab must line up with the opening.

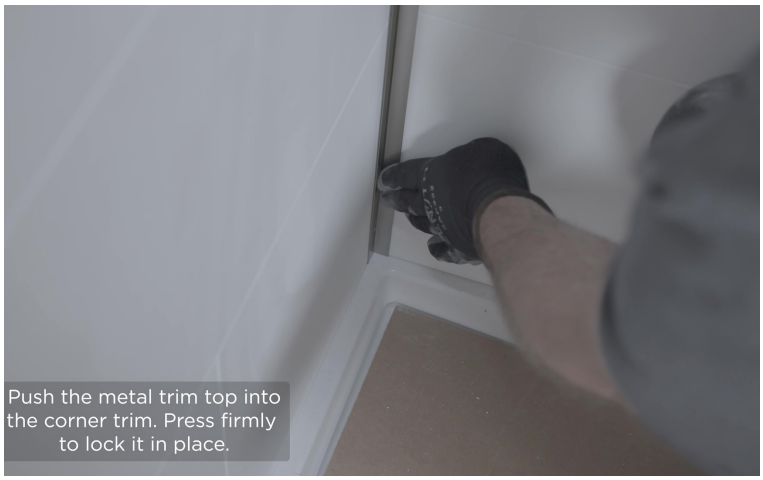


Note Top View detail shown to the right.

Make sure the bottom of the trim is in place at the bottom.

To install, push firmly on the metal trim piece to lock it into place. Press the full height of the trim.

When properly installed, the face of the trim should rest against the wall panels.

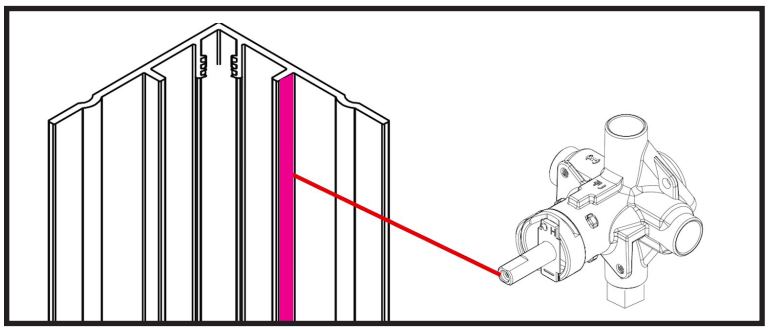


Wipe away any excess silicone with a cloth.

DO NOT install the trim in the valve wall corner until the valve wall panel is installed.

The next step is to measure and record the location of the control valve.

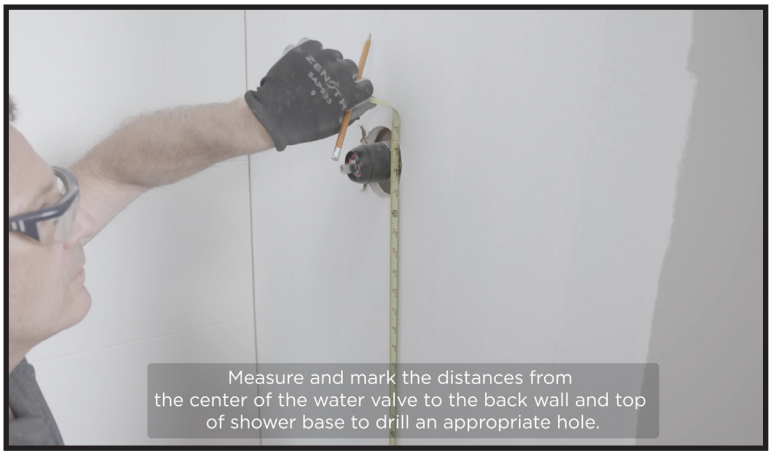
Carefully measure from the metal stopper on the channel (Red) to the center of the valve.



Measure up from the base for the valve hole location.

If shower are requires a hole through the wall panel, carefully measure and record the location for the shower arm.

Double check all the measurements.



Lay valve wall panel face-up on saw horses. Carefully transfer hole dimensions to the panel marking with a pencil.

Using a hole saw, carefully cut the valve and shower arm holes.



After cutting the holes, flip the panel over.

Clean the back side with acetone or any alcohol based cleaner and a soft cloth to wipe away any debris or residue.

Apply Double-Sided Foam Tape and silicone to the back side following the pattern shown on Page 10.



Remove the paper backing from the double sided foam tape before installing.

Place shims along the top of the shower base as you did for the other walls.

Pick up and carry the wall panel to the alcove, Carefully align with hole openings and the bottom to the shower base. Note in the detail to the right the wall panel installed against the metal stopper.

When satisfied with the fit, press the panel firmly, making sure to apply more pressure along the double face tape.

Cut off all shims.



Finish the corner by installing the trim piece. Make sure the bottom of the trim is in place at the bottom.

To install, push firmly on the metal trim piece to lock it into place. Press the full height of the trim.

When properly installed, the face of the trim should rest against the wall panels.

Wipe away any excess silicone with a clean cloth.



Finish the installation by applying a bead of silicone or bathroom caulk along the edge where the walls meet the shower base. Smooth this with a wet finger before it cures. Wipe away any excess.

If installing edge L-bead trim to the outside vertical edge of the wall panels, cut the trim to length. Apply with a bead of silicone on the back of the trim, and press into place. Wipe away any extra silicone before it cures.

This completes the installation. See Page 15 for care and warranty information.

EverGrout™

Attaching Shower Doors and Accessories

1. Follow the mounting instructions that come with each accessory.
2. Drill pilot holes where fasteners pass through the wall panels, slightly larger than the fastener.
3. If anchors are being used, drill the hole in the panel large enough for the head of the anchor to fit through the panel and the structural wall behind it.
4. Use 100% clear silicone to seal any holes or joints between the accessory and wall panel.

Care and Cleaning

Swan Corporation products are stain and abrasion resistant, however the finish requires reasonable care. Because cleaning products change over time, always check the manufacturer's instructions to make sure it is compatible with solid surface acrylic or fiberglass reinforced polyester. **DO NOT** use a cleaner if the label indicates it should not be used on solid surface acrylic or fiberglass reinforced polyester. **DO NOT** use spray-on cleaners that require daily use without immediately rinsing with water to stop the chemical cleaning reaction because damage will result and void the warranty.

Day-To-Day Cleanup

Simply wipe the surfaces with a clean towel to remove watermarks and residues. All Swanstone products can be cleaned with warm water, a soft cloth and normal household detergents or cleansers, such as Fantastic, Formula 409, Clorox Clean-up, Handy Andy, Mr Clean, Dow Scrubbing Bubbles, Lysol Foaming Tub and Tile Cleaner, Top Job or Lestoil. Always rinse off cleaners within five minutes of application.

Occasional scrubbing with household abrasive cleaners ensures that the original luster is maintained.

Caulking Joints

Inspect caulking joints monthly for damage or any signs of separation from the mating surface. Cracks in the caulking will allow water to leak into the surrounding surfaces. Re-apply caulking to any joint showing signs of wear or cracking. Failure to inspect and repair caulking joints will void the warranty.

Warranty

If a Swan Corporation product covered by this warranty is found to be defective in materials or workmanship, after

IMPORTANT NOTICE

inspection by an authorized Swan Corporation representative, we will repair or at our option, exchange the product for a similar model. This warranty extends for a designated period of time, so long as it remains in use in its original place of installation.

This warranty covers products installed in accordance with the Swan Corporations installation instructions, used as recommended and not damaged due to misuse, abuse, or improper installation. It does not apply to any seams or changes made to the product by professional tradesmen or fabricators.

The Swan Corporations option to repair or exchange the products under this warranty does not cover any labor or other coast of removal or installation, nor shall the Swan Corporation be responsible for any other incidental or consequential damages attributable to a product defect or to the repair or exchange of a defective product.

Residential Limited Lifetime Warranty

The warranty applies only to the original purchaser and installation of these products in residential applications. It does not apply to commercial applications.

Commercial 25-Year Limited Warranty

The warranty applies only to the original purchaser and installation of these products in commercial applications.

Save these Installation Instructions for future reference. They provide important information on cleaning and maintenance of Swan Corporation products.

Swan

www.swanstone.com