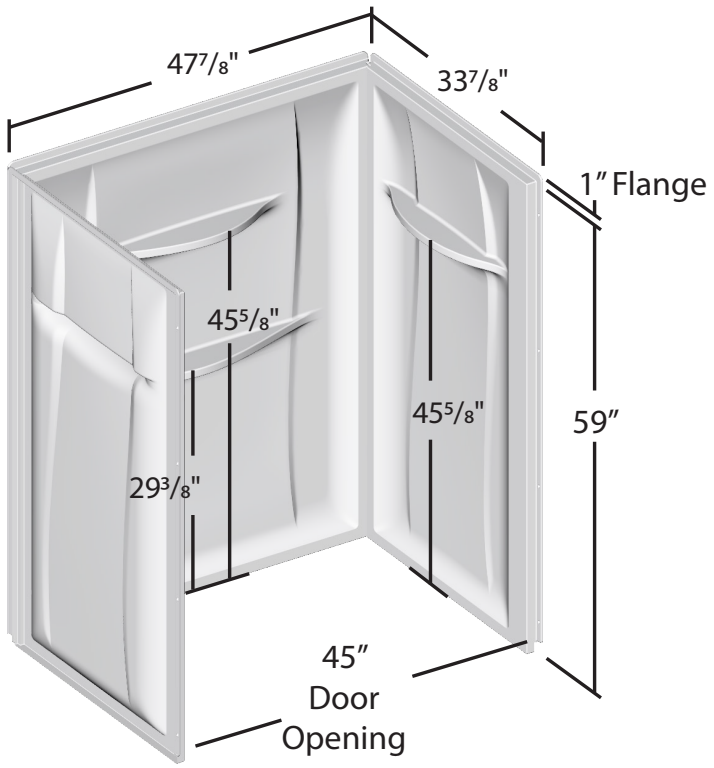
Lyons® Bathtubs & Showers

DO NOT RETURN PRODUCT!
FOR QUESTIONS OR CONCERNS
1-800-458-9036 lyonssupport@lyonsindustries.com

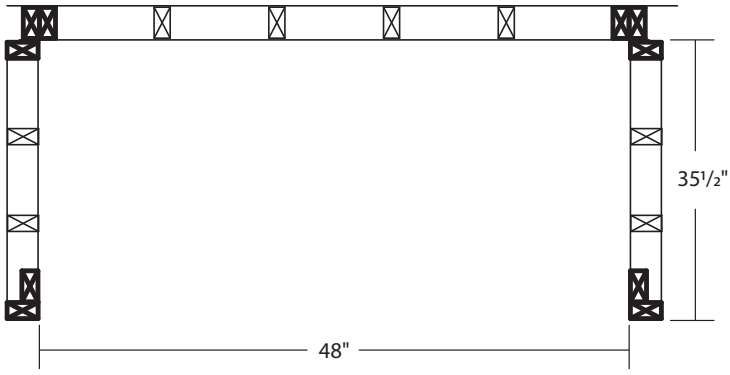
MADE IN THE USA SINCE 1968 WITH AMERICAN MATERIALS

483459 Wave™ Surround (WSxx483459)

1. **Read installation instructions carefully before starting**
2. **Before installation, peel away protective film along edge of all panels to ensure correct color. Leave protective film on during installation.**
3. **Fits most standard 48" x 34" bathtubs and seated bases.**
4. **Do not use plumber's putty. It will cause product failure and void your warranty. Use a highgrade silicone caulk for all necessary sealing locations.**
5. **Allow panels to reach room temperature before installation.**
6. **Horizontal stud located at front of alcove required for door installation.**
7. **45" Door Opening Width**



48" x 34" x 59"



= required stud location

= suggested stud location

Follow along with our installation videos on Youtube by searching "Lyons Industries Installations" or scan this QRcode:

Subject to manufacturing tolerance of [+] or [-] 1/8"

TOOLS & SUPPLIES NEEDED

Tape Measure
Level
Drill
Pencil
Safety Glasses
Appropriate Hole or Saber Saw (for Faucet Installation)
Caulk Gun
3 Tubes of Adhesive Compatible with Polystyrene Caulk (for Faucet Installation)
#9 1-1/2" Stainless Screws
2" Masking Tape
Shims

INSTALLATION INSTRUCTIONS

IMPORTANT

- **Verify all panels are included before installing — panel location marked on top flange (Left=LH, Right=RH)**
- **Allow panels to reach room temperature before installation**
- **Seal strips (included) are required for proper installation**
- **Peel protective film along edge of all panels before installation to ensure correct color**
- **Do not use plumber's putty — use high grade silicone caulk for all necessary locations**
- **Horizontal stud located at front of alcove required for door installation**
- **When installing on a bathtub or seated base from another manufacturer, caulk is required**
- **Keep instructions for warranty information**

STEP 1 — PREPARING ALCOVE:

1. Strip alcove to bare studs.
2. Stud pocket must be plumb and square to sub-floor; sub-floor must be level.
3. Check that no screws, nails or staples in studs will interfere with installation.
4. If installing over an existing bathtub or seated base, check studs are plumb to it and it is level — go to Step 3.
5. Add appropriate rated insulation between studs if desired.

STEP 2 — BATHTUB OR SEATED BASE INSTALLATION:

1. Follow manufacturer's instructions for installing bathtub or seated base.
2. Bathtub or seated base must be plumb and square to alcove for proper surround installation.

STEP 3 — INSTALL SEAL STRIP:

1. Carefully pull apart seal strip — DO NOT CUT.
2. Peel back protective film along all edges of back panel.
3. Place seal strip along both sides of back panel removing protective paper as you apply — DO NOT STRETCH.
4. Apply pressure along entire length of each seal strip to activate adhesive; trim any excess.
5. NOTE: Failure to install seal strip will cause water damage and void warranty.

STEP 4 — TRIAL FIT PANELS:

1. All panels must contact required studs. Place back panel then fit side panels into place. Center surround on bathtub or seated base; make sure panels rest flat on it. Shim between panels and studs if needed for tight fit. Align front of side surrounds to front of bathtub or seated base. Mark height of surround on each stud to indicate where to apply adhesive. Measure and mark all control holes; drill or saw holes after removing side panels. IMPORTANT: Drill from front side; cover area with masking tape to prevent chipping.

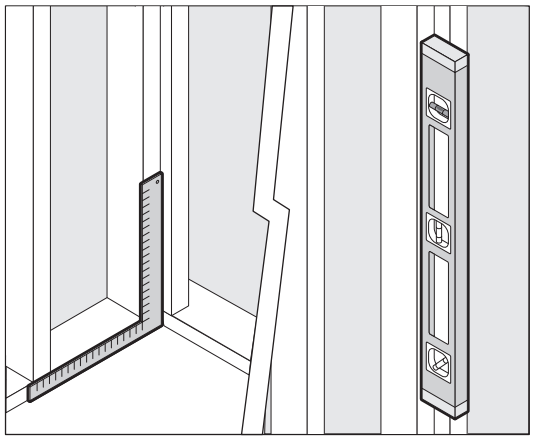


FIGURE 1. Check that studs are plumb with sub-floor/base.

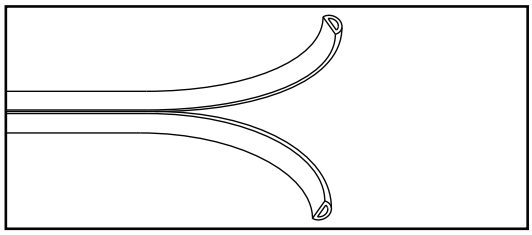


FIGURE 2. Carefully separate seal strip. DO NOT CUT!

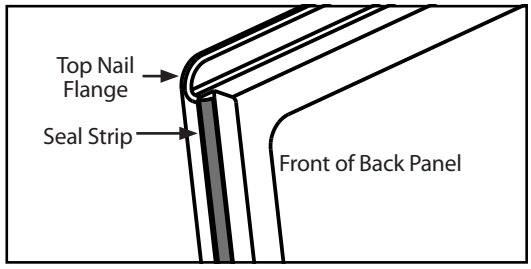


FIGURE 3. Place seal strip on both sides of back panel.

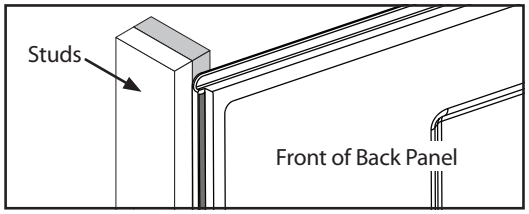


FIGURE 4. All panels must contact required studs.

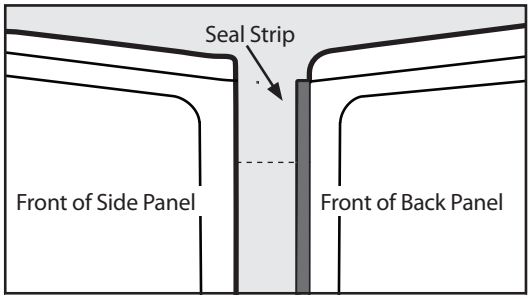


FIGURE 5. Fit side panels into place on back surround panel.

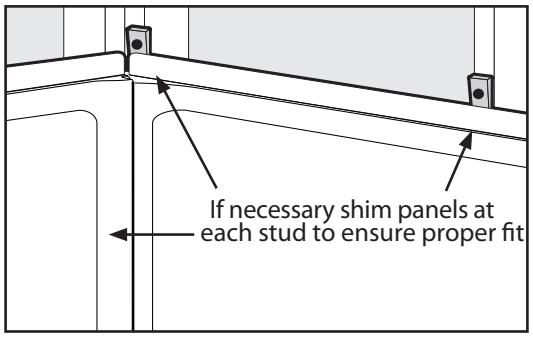


FIGURE 6. You can shim against the stud.

STEP 5 — INSTALLING SURROUND IN ALCOVE:

1. Peel back protective film along bottom edge of back and side panels.
2. Apply generous bead of adhesive below mark on each back panel stud (follow adhesive manufacturer's instructions).
3. Place back panel and center on base or bathtub.
4. Apply adhesive to studs for side panel opposite shower controls and place side panel.
5. Apply adhesive to studs for faucet side panel and place side panel.
6. Center surround panels on bathtub or seated base; make sure panels rest flat on it.
7. Reposition shims if needed.
8. Press back panel firmly into place and align front of side surrounds to front of bathtub or seated base and screw back panel nail flange to studs.
9. Apply pressure to one side panel directing pressure toward back panel, then screw vertical nail flange to stud; repeat for opposite side.
10. Screw top flange of side panels to studs.
11. Hold panels tight to studs during drying — apply pressure with optional cross bracing.

NOTE: Parts of surround may not make full contact with studs; applying adhesive along stud below marked lines is still required.

IMPORTANT - Failure to adhere panels and screw all flanges to all studs will void warranty.

STEP 6 — CAULKING:

1. When installed on any Lyons bathtub or seated base, the Wave™ surround is designed to function without seams being caulked.
2. If you prefer caulked seams, caulk all seams or leaks may occur.
3. Caulk must be applied around holes for faucet, diverter valve and shower head.
4. If used on a non-Lyons bathtub or seated base, caulking all seams is required.
5. If a shower door is installed, caulk is required between the bathtub or seated base, surround, and door.
6. Always use a high-grade silicone caulk for best results.

STEP 7 — FINISHING:

1. Green Board or Other Finishing Boards: Shim studs with lattice strips or 1/4" luan so that finishing board will overlap nail flanges. (Fig. 10)
2. Tile: Install finishing board up to (not over) nail flanges.
3. Install tile over finishing board and nail flanges.

Cleaning

Do not use any abrasive cleaners or metal scrapers

Drywall mud or plaster may be carefully removed with a wooden scraper made from scrap wood

Adhesive may be removed with mineral spirits

Recommended cleaners: Soft Scrub Gel®, Comet Gel®, or 409®

WARNING: Do not use any product labeled 'not suitable for use with ABS, acrylic or polystyrene'

WARNING: Some cleaning products are not suitable for use. Read all labels carefully.
DO NOT USE if they say "not suitable for use with ABS, acrylic or polystyrene".
Always rinse cleansers thoroughly within five minutes of application.

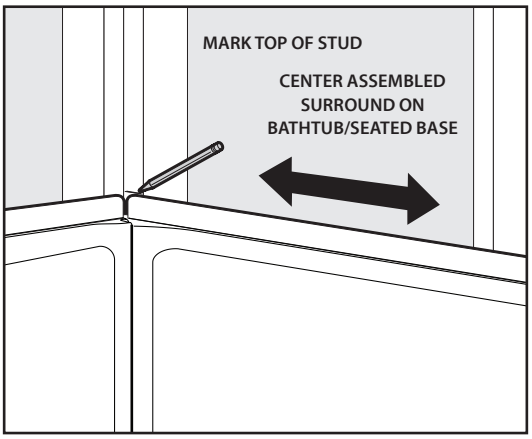


FIGURE 7. Mark studs.

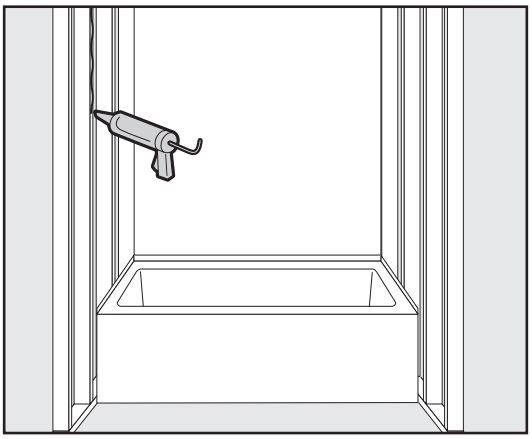


FIGURE 8. Apply adhesive.

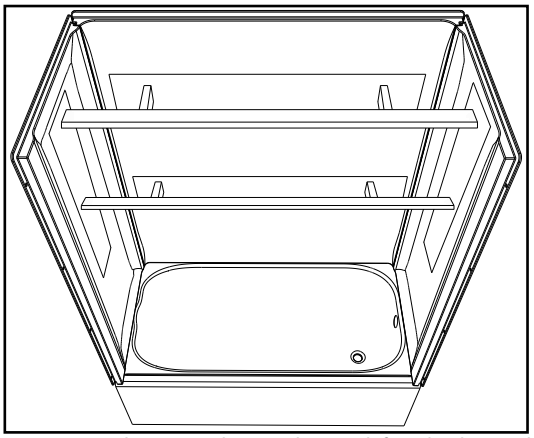


FIGURE 9. Apply pressure by cross bracing left and right panels while also applying pressure to the back panel.

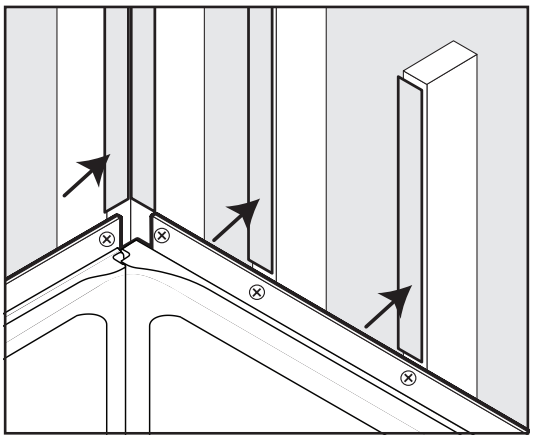


FIGURE 10. Shim studs.

DO NOT RETURN PRODUCT OR CONTACT STORE!
FOR QUESTIONS OR CONCERNS:
Please call or e-mail our customer support team

LYONS FIXTURE — LIMITED WARRANTY
10-year Consumer / 5-year Commercial

Lyons Industries, Inc. warrants to the original purchaser that this Lyons fixture will be free of manufacturing defects, which affect its performance as a bathing or showering fixture, under the following conditions and subject to the limitations contained in the "Remedies" and "Warranty Limitations" sections. The Limited Warranty applies for 10 years from the date of purchase if the fixture is used in a residential owner-occupied building for non-commercial purposes; or for 5 years from the date of purchase if it is used in any other building, including any building used for rental, commercial or business purposes. This Limited Warranty is void if the fixture is not installed in accordance with the installation instructions supplied by Lyons or local building codes and ordinances or if the care and cleaning instructions supplied by Lyons are not followed. This Limited Warranty is also void if the fixture is moved from the location of its initial installation or is subjected to accident, abuse or misuse. The Limited Warranty excludes normal wear and tear and does not cover damage that can be repaired by following the Scratch Removal Instructions. This Limited Warranty shall be void unless any failure or non-conformance is discovered before the expiration of this warranty and is reported to Lyons, in writing, accompanied by the original proof of purchase, within 30 days of discovery, to: Lyons Industries, Inc., 30000 M-62 West, Dowagiac, Michigan 49047

REMEDIES — The original purchaser's remedy under this Limited Warranty is limited to the repair, replacement, or refund of the purchase price of the fixture, at Lyons' sole option, of any part of the fixture which has failed or does not conform to the manufacturer's specifications. In no event shall Lyons be liable for lost profits, loss of use, incidental, special or consequential damages including, but not limited to, damage to or loss of use of the building or its contents, arising out of any defect in the fixture; nor shall Lyons be liable for any amount in excess of the original purchase price of the fixture. Lyons reserves the right to require the return, at purchaser's expense, of the damaged fixture for repair or exchange before providing services under this Limited Warranty. If Lyons elects to replace the fixture, its obligation is limited to supplying a replacement unit or component part of comparable size and style, and does not include the cost of removal, installation, or transportation, which must be borne by the purchaser. Replacement parts provided under this Limited Warranty are warranted for the remainder of the original warranty period applicable to the fixture, as if such parts were original components of that fixture.

WARRANTY LIMITATIONS — There are no warranties which extend beyond the description on the face hereof. Implied warranties, including those of merchantability or fitness for a particular purpose, are expressly disclaimed. Lyons disclaims any and all liability for special, incidental or consequential damages. Some states do not allow limitations of incidental or consequential damages, so the above limitations and exclusions may not apply to you. In such states, Lyons' liability shall be limited to the extent permitted by state law. Any implied warranties arising by way of state law, including any implied warranty of merchantability or any implied warranty of fitness for a particular purpose, are limited in duration and in scope of coverage to the terms of this limited warranty, unless a shorter period is allowed by law.

SCRATCH REMOVAL INSTRUCTIONS

1. For effective scratch removal and polishing, you will need to purchase these items.
   1 sheet 1000 grit 3M® wet-dry sandpaper
   1 sheet 1500 grit 3M® wet-dry sandpaper
   1 sheet 2000 grit 3M® wet-dry sandpaper
   1 small container of 3M® rubbing compound
   These items can be purchased at most auto supply stores that provide supplies to professional paint and body shops. Call before you go. Not all auto supply stores will have these items.
2. Start sanding with 2000 grit paper. Use small squares of paper about 2"x 2" for all sanding and use lots of water. The water serves as both a lubricant and to prevent residue buildup on the paper. Residue buildup shortens the effective life of the paper and may scratch the surface you're trying to polish.
3. 2000 grit paper is the finest grit available (the higher the number, the finer the grit). If you can't remove all of the scratches with 2000 grit, switch to 1500 grit. Remember to wash the paper frequently with water as you sand.
4. If all of the scratches can't be removed with 1500 grit, switch to 1000 grit. This should remove most fine scratches. If you have deep scratches or a gouge, coarser paper may have to be used (see chart to right). Be careful! Using grit that is too coarse may actually put in more scratches than it removes.
5. Once you have removed all of the scratches, by sanding with the finest paper possible, repeat the sanding process using successively finer grits of paper until you've once again sanded with 2000 grit.
6. Now use 3M® rubbing compound on a soft, damp cloth. Polish using considerable pressure to produce a smooth, shiny finish.



SCRATCH / SANDPAPER GUIDE

Lyons® Bathtubs & Showers

COMPLIANCE Certifications:
CAN/ULC S102.2 Flame-75
Smoke Developed-485 code

Lyons Industries, Inc.
30000 M-62 West, Dowagiac, MI 49047
1-800-458-9036
www.lyonsindustries.com
lyonssupport@lyonsindustries.com