

COMPOSITES

MONARC®

INSTALLATION GUIDE

SHOWER

OCTOBER 2026

3ACOMPOSITESUSA.COM/MONARC / 800.626.3365

WHAT YOU NEED



MONARC sheets x3



Aluminum edge trim x2
*fasteners for trim



Structural adhesive x6
100% Silicone



Silicone sealant x2
Match to MONARC finish



Compact router x1



108° V-groove bit x1



J-roller



Cutting track x1



Metal cutting saw blade x1
model #: DW9152 for kerf cut



Circular saw x1



Hole saws



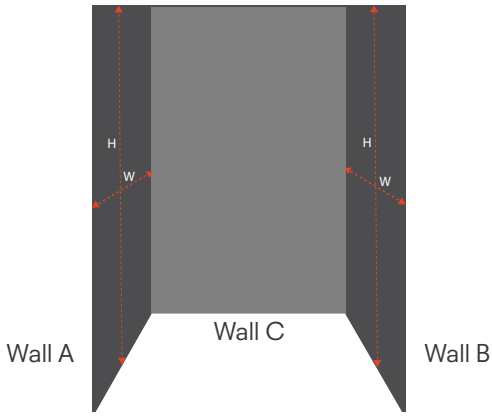
Clamps x4



Work table

MEASURE & CUT

1 **Measure side walls A&B.** Measure the horizontal dimension at the top and bottom of Side Wall A and Side Wall B from the inside corner to the desired termination of the MONARC sheet and aluminum edge trim. Measure the vertical dimension at the left and right of Side Wall A and Side Wall B from the top of tub or shower to the ceiling.



2 **Cut MONARC Panels A&B**. Position the MONARC sheet good face DOWN. Do not remove protective clear masking before cutting. Mark the sheet to the desired width and add 2 inch for the inside corner flange. Mark the sheet to the desired height. Using a cutting track for straightness, cut using circular saw with recommended circular blade.

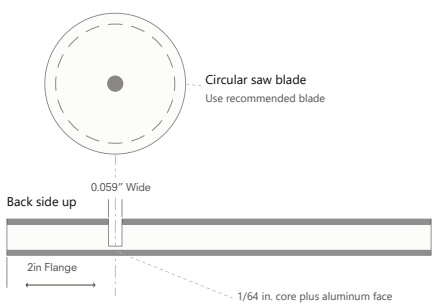


3 **Groove the backside of MONARC panels A&B.** Lay the panel back side up and mark a line 2 inch from one long side. Position a track so the cutter centers on the marked line, and make one continuous pass the full length of the panel. Either a V-groove router or a circular saw kerf may be used, depending on available equipment.

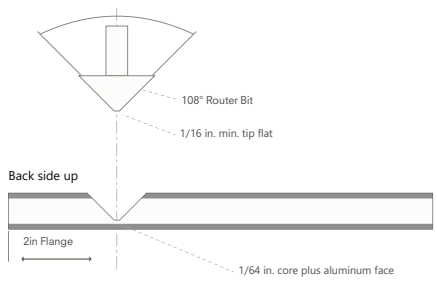
For the kerf method, install the recommended circular saw blade and set the depth of cut to the same remaining thickness. Confirm the remaining core before folding.

For the router method, install a 108° V-groove bit and set the depth of cut to leave 1/64” of core in addition to the aluminum face.

Method A: Kerf Cut

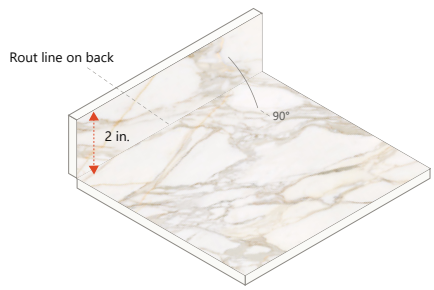


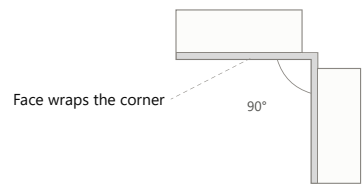
Method B: Router



WALL "A" BEND & INSTALL

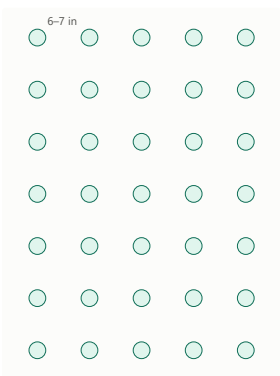
4 **Bend the inside corner flanges.** Fold the 2 inch flange by hand forward into the finished side of the MONARC sheet to a 90° inside corner.





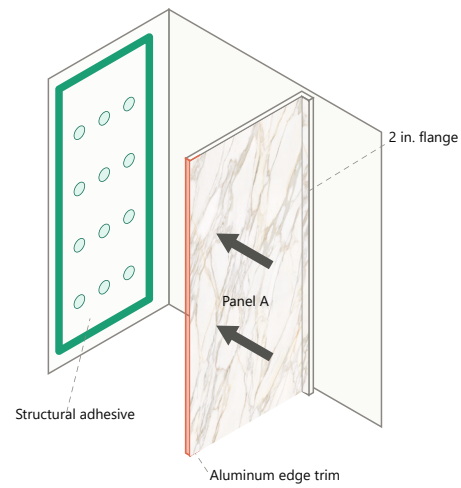
5 **Install MONARC panel A.** Install structural adhesive beads and dollops to the sheathing substrate or back of panel in the pattern shown below for each panel. Position the aluminum edge trim at the outward facing edge of the MONARC panel. Press MONARC panel and aluminum edge firmly against the substrate.

Back side of a MONARC panel

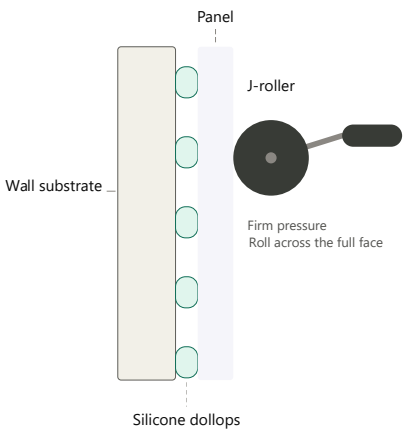


100% silicone dollops
Bonds panel to wall substrate

Dollops every 6–7 in. on center
Same spacing in both directions
Hold back from panel edges



6 **Set panel A**. Press and roll with the recommended J-roller to adhere to the wall substrate.

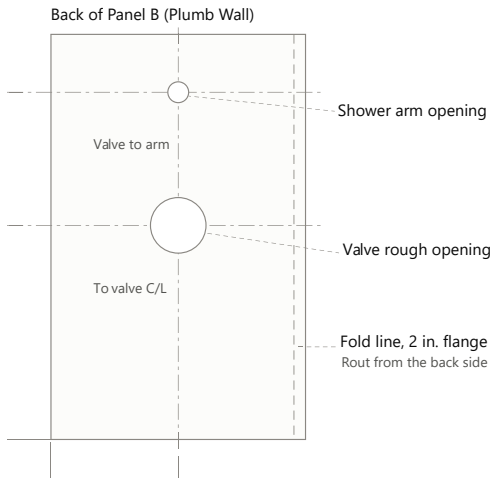


WALL "B" BEND & INSTALL

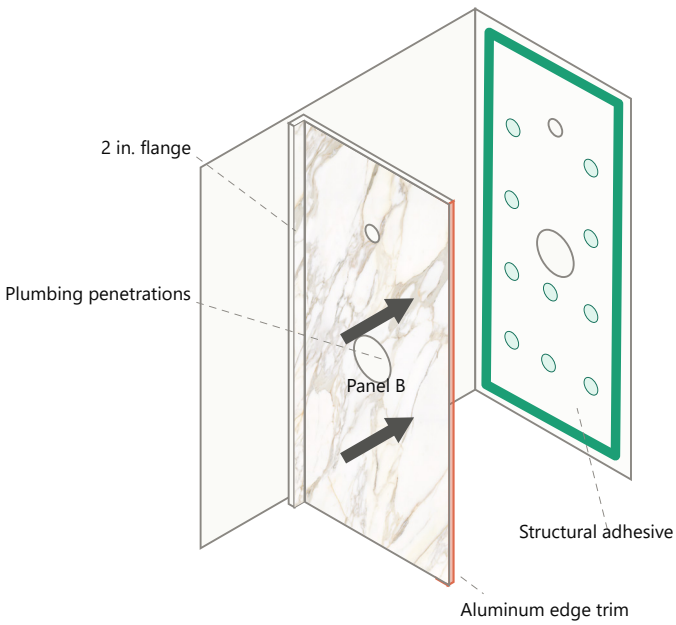
7 **Plumbing penetrations for MONARC panel B (Plumbing wall)**. Measure the location of the valve and shower hole penetrations and mark the backside of Panel B. Using aptly sized hole saw bits, cut the rough openings through the MONARC sheet on the backside. Dry fit before gluing.



*Cutting valve hole with hole saw

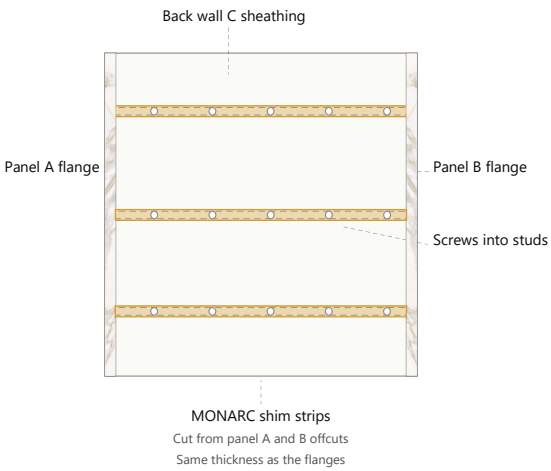


8 **Install MONARC panel B.** Install structural adhesive beads and dollops to the sheathing substrate or back of panel in the pattern shown below for each panel. Position the aluminum edge trim at the outward facing edge of the MONARC panel. Press MONARC panel and aluminum edge firmly against the substrate, then press and roll with the recommended J-roller.

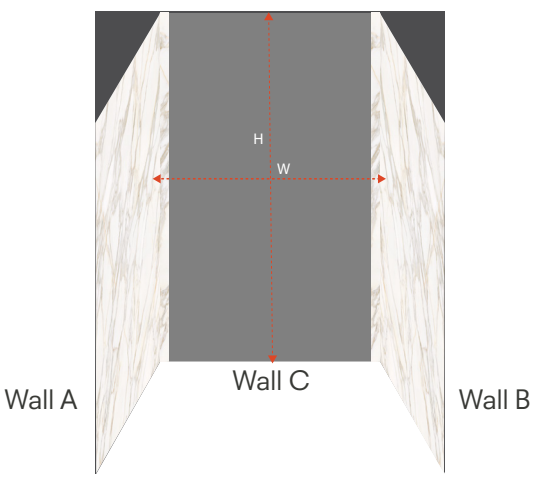


WALL "C" BEND & INSTALL

9 **Cut and Install (3) MONARC Shim Strips to Wall C.** From excess MONARC cut from side panels A & B, cut 2 inch strips to act as shims on the back wall C (see image). Install the shims over the back wall C sheathing at the recommended location using general construction screws into the vertical wood studs behind the sheathing.



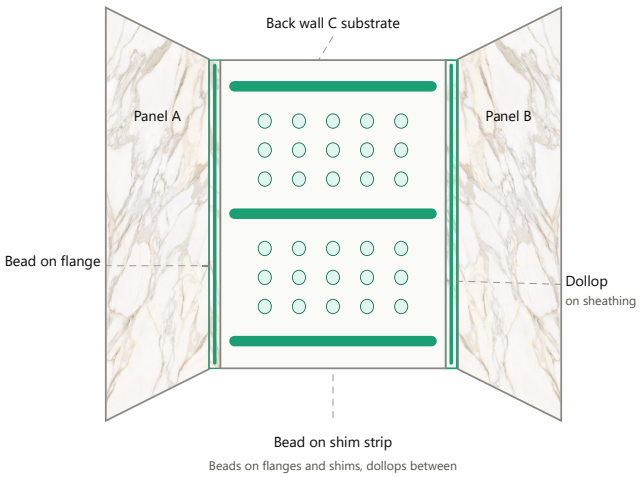
10 **Measure Back wall C.** Measure the horizontal dimension at the top and bottom of Side Wall A from the inside corner of MONARC side panel A to the inside corner of MONARC side panel B.

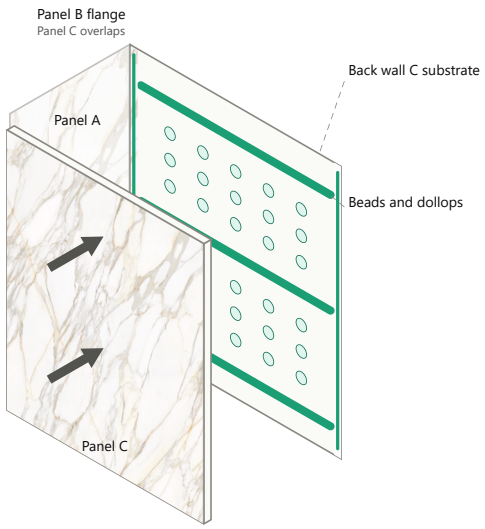


11 **Cut Back Panel C.** Position the MONARC sheet good face DOWN. Do not remove protective clear masking before cutting. Mark the sheet to the desired width. Mark the sheet to the desired height. Using a track for straightness, cut using circular saw with recommended circular blade. *Refer to step 2 for example.

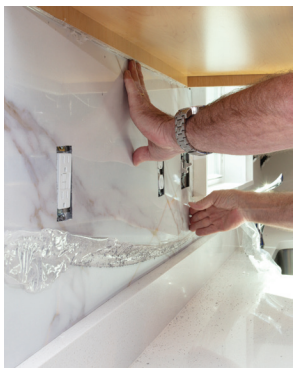
SEAL & FINISH

12 **Install MONARC back panel C.** Install structural adhesive beads and dollops to the sheathing substrate or back of panel in the pattern shown below for each panel. Press MONARC panel firmly against the substrate, then press and roll with the recommended J-roller.

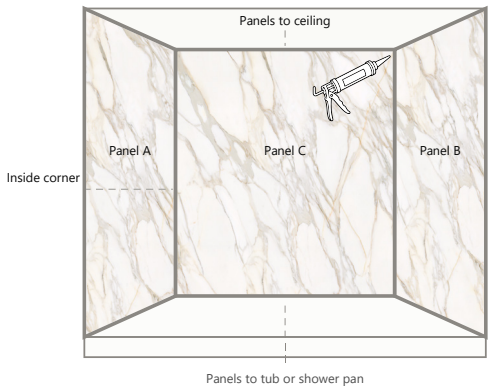




13 **Unmask.** Remove all protective film from the MONARC panels.



14 **Seal.** Seal the (2) vertical inside MONARC corners, the top of MONARC panels to the ceiling, the bottom of MONARC panels to the tub/shower pan using 100% silicone sealant in a desired color to match the MONARC finish.



100% silicone, color matched to the MONARC finish