



# Standard 3-Piece Panels Installation Guide

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## ATTENTION

Read all instructions before installation to avoid damage. Installers are responsible for any breakage from handling/installation.

## PRE-INSTALLATION CHECKLIST & NOTES

### STORAGE

Cast marble panels are more fragile in extreme cold—handle with care. Store all materials in a heated area for at least 24 hours before installation if possible.

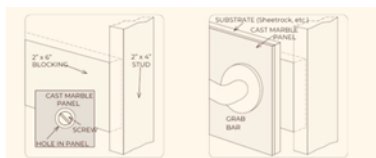
### BLOCKING (for Grab Bars)

- Install 2"x6" blocking at designated positions before wall substrate work.
- Pre-drill screw holes in panels (large enough to avoid thread contact) after installation.
- Tighten screws gently—over-tightening causes cracks/breakage.

## INSTALLATION OVER TILE

Ensure tile is firmly attached, mold/mildew-free and clean.

Follow standard cutting/installation steps, except use only 100% silicone or cast marble adhesive.



Add a 2" trim strip to cover existing tile (see diagram).

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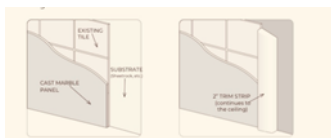
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## SUBSTRATE

Set shower pan/tub first, then install substrate (see Shower Pan Installation Guide).



Pan/tub have leak-proof flanges—substrate must be thick enough for panels to cover flanges, sit flush with walls and not bow at the bottom.

Recommended: Moisture-resistant drywall. No waterproof membrane needed behind panels.

## MATERIALS & TOOLS REQUIRED

- Cast marble adhesive (or 100% silicone + construction adhesive like PL 375/PL Premium)
- Bracing (or commercial-grade hot glue for fast fixing)
- Circular saw (masonry blade) / angle grinder (diamond masonry blade) + optional vacuum (dust reduction)
- Drill + assorted bits
- Safety mask (for cutting)
- Measuring tape
- Pencil (marks removable with acetone after installation)
- Hole saw (diamond recommended; 1¼" & 4" most common, adjust for fixtures)
- 80-grit sandpaper (bevel cut edges to prevent chipping)
- Acetone (clean marks/debris)
- Dry, clean rags

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## STANDARD PANEL INSTALLATION

### 1 Check Levelness

- Pan/tub must be level (front/back, side/side, diagonal). Max tolerance:  $\pm 1/4"$ .
- Notify customer if out of tolerance before installation.

### 2 Establish Horizontal Control Line (HCL)

- Use tile-pattern panel (12"x24") as an example.
- Shower: Measure up from pan to grout line near 60" → subtract  $1/2"$  → mark HCL.
- Tub: Measure up from tub to grout line near 48" → subtract  $1/2"$  → mark HCL.

**Example:** Shower grout line at  $60\frac{1}{4}"$  →  $60\frac{1}{4}" - 1/2" = 59\frac{3}{4}"$  (HCL height).

### 3 Measure for Back Panel Trimming

- Measure pan/tub to HCL (left/center/right) and pan/tub to ceiling (same 3 positions)
- Measure back panel width (top/center/bottom) and record all data.
- Use Panel Trimming Guide (last page) to transfer measurements to panel.

### 4 Prep Back Panel

- Mark panel per measurements, trim equally on both sides for centering ( $1/8"$  side tolerance for gap coverage).
- Place panel on 2"x4" lumber (on saw horses) → trim with saw/grinder.
- Support excess material ( $>1/2"$  trim) to avoid breakage.
- Sand all cut edges (especially bottom) with 80-grit sandpaper to prevent chipping.
- Dry-fit panel to check fit → clean wall/panel front/back with acetone (remove marks/debris).

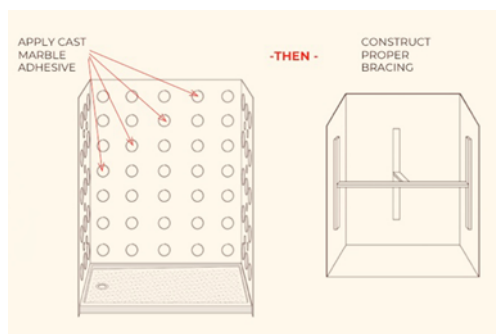


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## 5 Adhere Back Panel

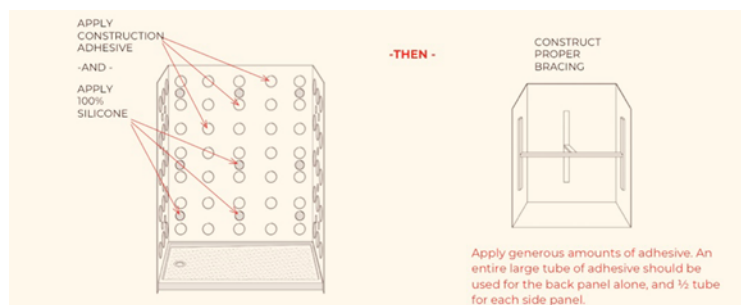
Two adhesive methods (generous application required: 1 full large tube for back panel, 1/2 tube per side panel):

### Method 1 (Recommended)



- Apply cast marble adhesive → add bracing to hold panel until cured.
- Optional: Use commercial hot glue (for flat walls/panels only) instead of bracing.

### Method 2



Apply construction adhesive + 100% silicone → add bracing until cured.

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## 6 Install Side Panels

- Transfer HCL to side walls, mark plumb line at pan/tub front edge.
- Measure & record data (per back panel steps) → mark left panel (X on factory finished edge, trim only inner edge).
- Measure plumb line to wall corner (top/center/bottom) → trim side panel width.
- Trim, sand (80-grit) → adhere with the same method as back panel.

## 7 Drill Plumbing Fixture Holes

- Locate holes on side panel: measure from HCL (up/down) and plumb line (left/right).
- Standard holes: 2 for shower, 3 for tub.
- Drill gently—avoid excess pressure when finishing the hole (prevents panel damage).

## 8 Bracing Requirement:

- Build proper bracing to hold panels firmly (no excessive pressure to avoid cracks).
- Add extra bracing if needed (per site conditions).

## 9 Caulking & Finishing

- Remove bracing after adhesive cures (24 hours typical).
- Caulk all joints:
- Marble-to-marble: 100% silicone.
- Marble-to-substrate: Paintable latex caulk.
- Max caulk joint width: 1/4". Recut panel if gap exceeds 1/4".