

THE SMITHSON
COMPANY, INC.

POLYCURB INSTALLATION

PREPARATION: To ensure proper installation clear work area of all debris, dirt, and dust. When applying thinset to install shower curb wash work area with a clean oil free sponge and towel dry.

CUTTING: PolyCurb can be cut with any serrated blade such as a circular saw, miter saw, hand saw or serrated knife.

APPLICATION: The 1"x4" wood support used must be pressure treated. All thinset used during installation of PolyCurb must be polymer modified thinset.

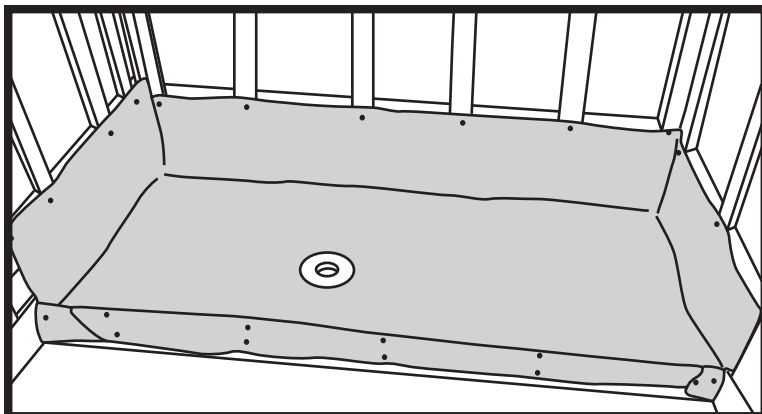
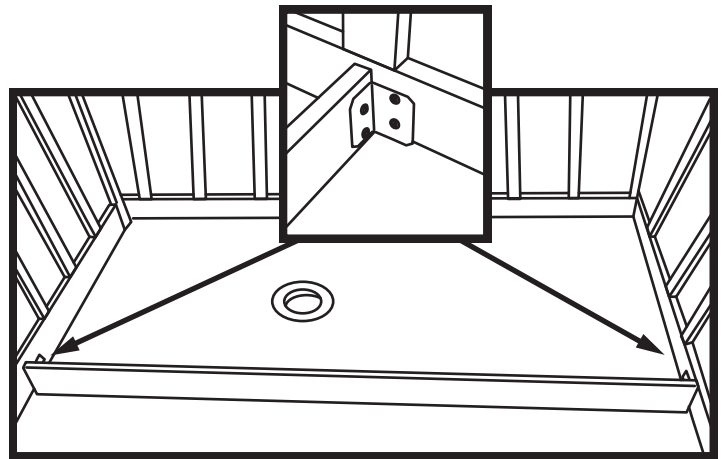
CURING: There is no cure time limitation with the wood support or shower pan liner portions of the installation. The PolyCurb can be set immediately after wood support is installed, and where required the mesh tape can be applied with along with the modified thinset. The shower floor mud bed may be installed instantly after the PolyCurb installation. Allow PolyCurb 12 hours cure time before applying finish tile and/or waterproof membrane.

1) CUT AND INSTALL 1"X4" WOOD SUPPORT

Measure distance from left stud wall to right stud wall. Cut pressure treated wood support 1/4" less than the actual measured distance. Install wood support using angle brackets at either end securing wood support to stud wall.

* If installing a wood support larger than 60" install an additional angle bracket in the center attaching the wood support to the subfloor.

** If installing a 2 or 3 sided curb design install an additional angle bracket near each corner attaching the wood support to the subfloor.

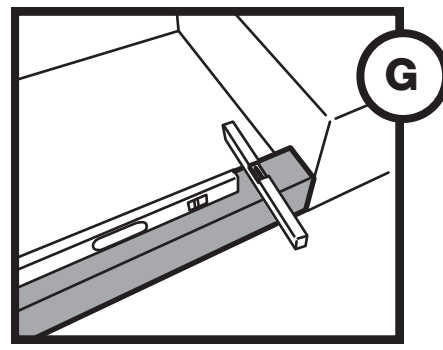
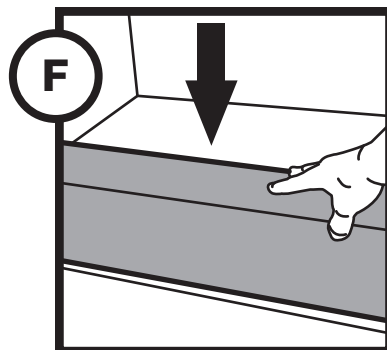
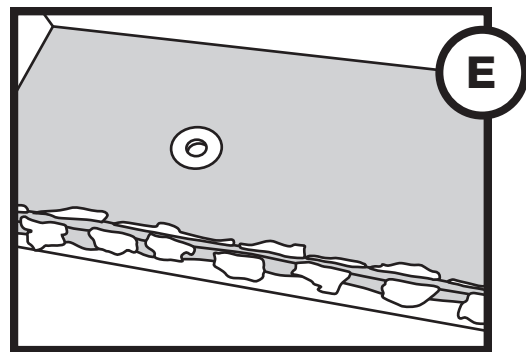
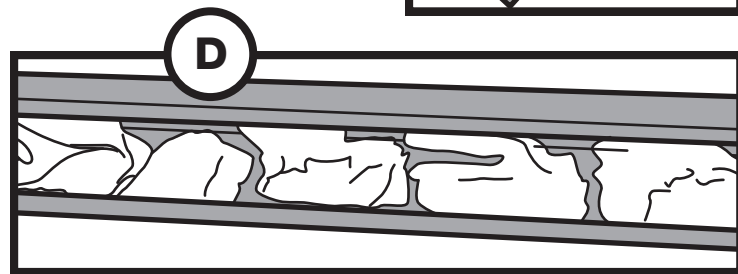
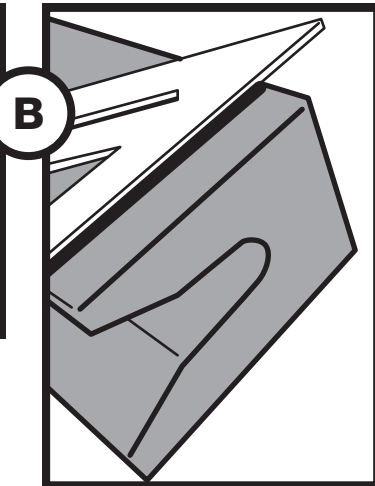
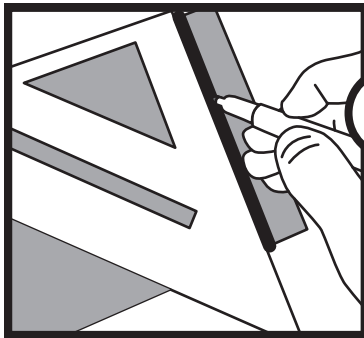
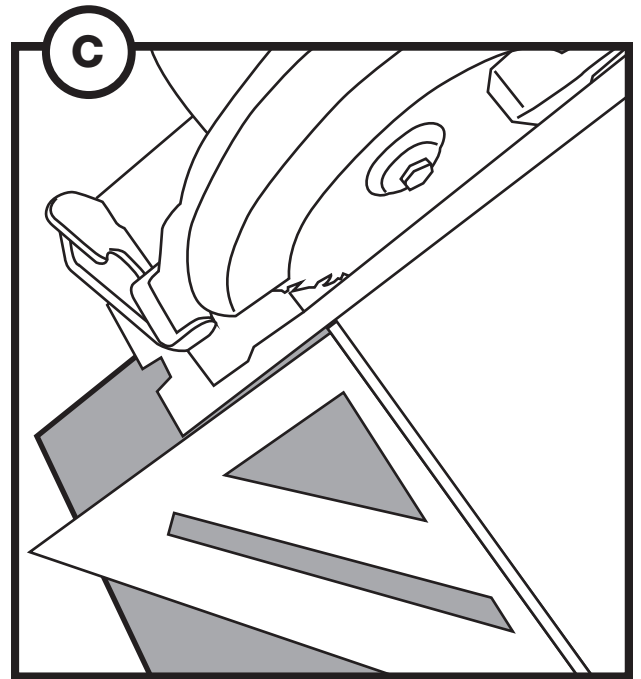
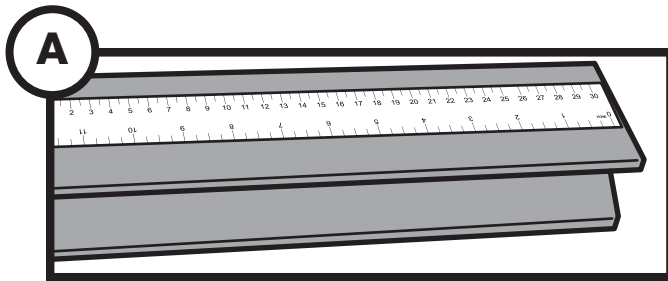


2) SHOWER PAN LINER

The shower pan liner should be installed in accordance with all local building and plumbing codes. Pan liner fold slack can be secured to the stud wall or can be secured to the 1"x4" wood support (Smith system recommended - see Diagram). Secure pan liner with 1/2" screws on top and outside edges of wood support. **DO NOT INSTALL SCREWS ON INSIDE EDGE OF WOOD SUPPORT TO SECURE PAN LINER.**

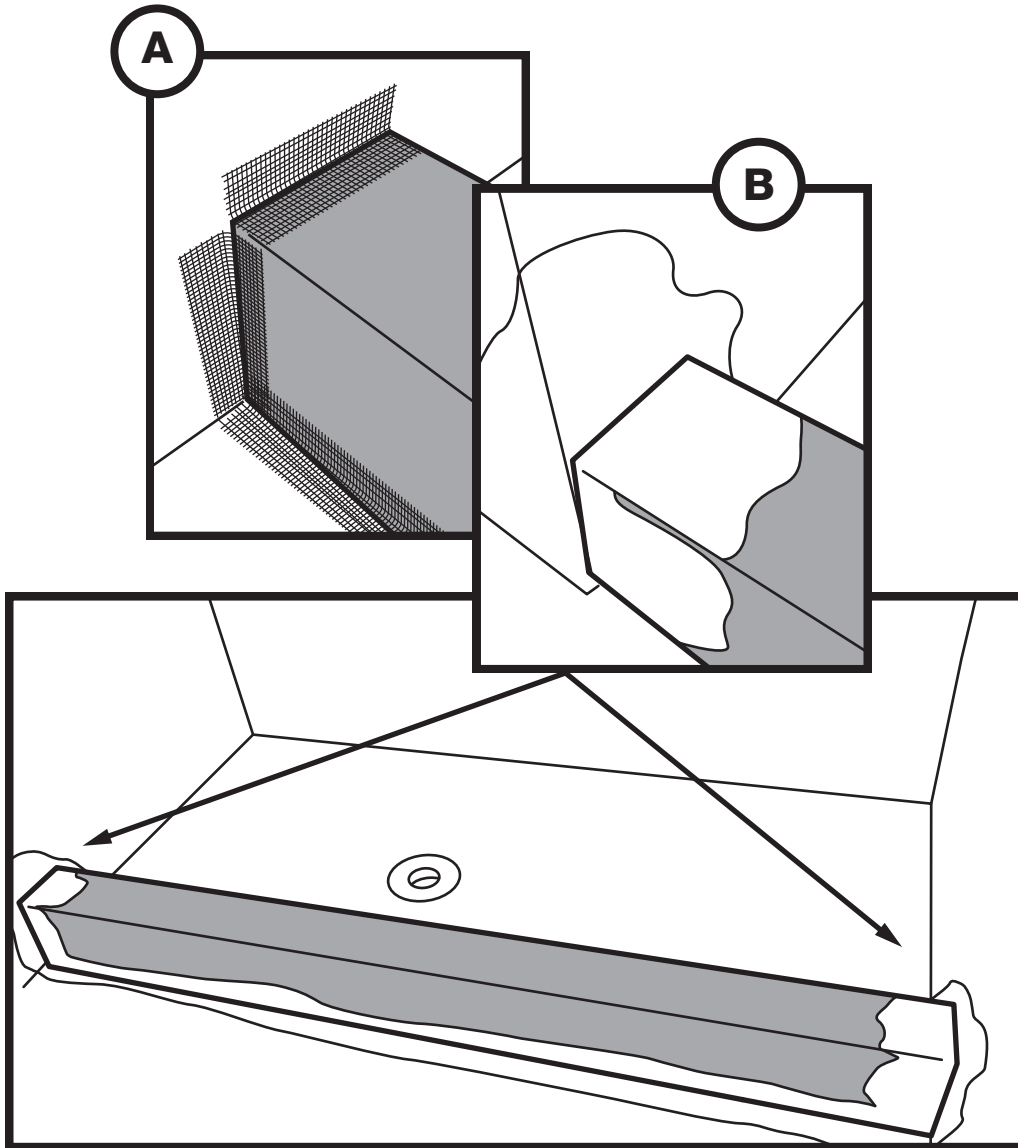
3. INSTALLING POLYCURB

With water resistant wallboard already installed, measure distance from left wall to right wall. **A)** Mark shower curb 3/16" less than the actual measured distance from wall to wall. **B)** Using a square, mark all sides of the shower curb. **C)** Cut shower curb along desired mark (see cutting methods). Test fit shower curb to ensure proper size. **D)** Turn shower curb upside down and apply generous dabs polymer modified thinset every 6" to 8" apart the inside flare and cavity of both sides of the PolyCurb. **E)** Apply generous dabs of thinset to the inside and outside faces of the pan liner over the wood support every 6" to 8" apart. **F)** With the 6" side on the outside of the shower and the 5" side on the inside, firmly press down the shower curb into place until the 6" side touches the subfloor. When pressing resistance should be felt, if there is no resistance remove PolyCurb and apply additional thinset. Recommended thinset coverage is 90%. **G)** Once PolyCurb is seated properly level side to side and pitch in towards the shower drain at 1/8" pitch.



4. FINISHING

Once the curb is properly installed **A)** apply mesh tape to ALL SIDES. Sides include: bottom of 6" side to the subfloor, PolyCurb ends to the walls on top, 5" and 6" sides. Once the shower floor mud bed is cured, the bottom of the 5" side can be taped. Mesh tape should be placed half on PolyCurb and half on the substrate. **B)** Apply polymer modified thinset to mesh tape for a permanent bond. Once cured, the PolyCurb is ready to be tiled.



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