

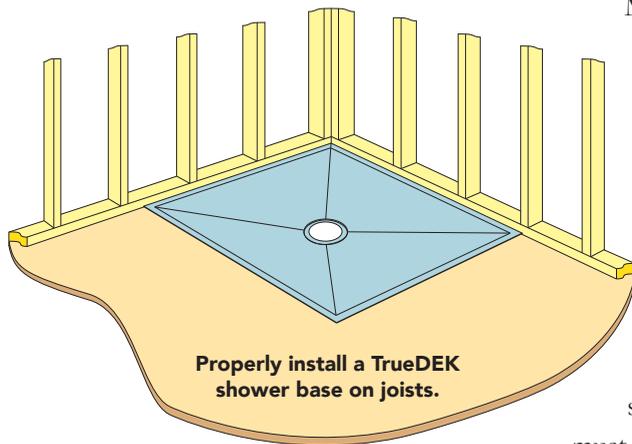
Installation Instructions

Pitch Extensions

Want to build a curbless shower but the lineup of ARC TrueDEK® bases doesn't include the exact size you need? No problem. Use pitch extensions to increase the width or length of any TrueDEK shower base by up to 2 ft., as long as the base is $\frac{7}{8}$ "-thick at the edges. For example, by installing pitch extensions around a 59" x 47 $\frac{1}{4}$ " TrueDEK Classic you can create a shower footprint up to 83" x 71 $\frac{1}{4}$ ". But don't feel limited. Maybe you want to add less than 12" all around. Or maybe you want to expand the shower base on one or two sides only, perhaps to get the drain hole positioned properly. All of these options can be achieved with ARC pitch extensions.



12" x 48"
pitch extensions
make shower base
enlargement so much
easier and faster.



Properly install a TrueDEK shower base on joists.

Made of high density plastic, ARC's 12"-wide x 48"-long pitch extensions are pre-pitched across their width at $\frac{1}{4}$ " per foot. They can be cut to any length or width using a circular saw or table saw equipped with a carbide-tipped blade. In addition, you can drill into them with standard twist drill bits and countersinks.

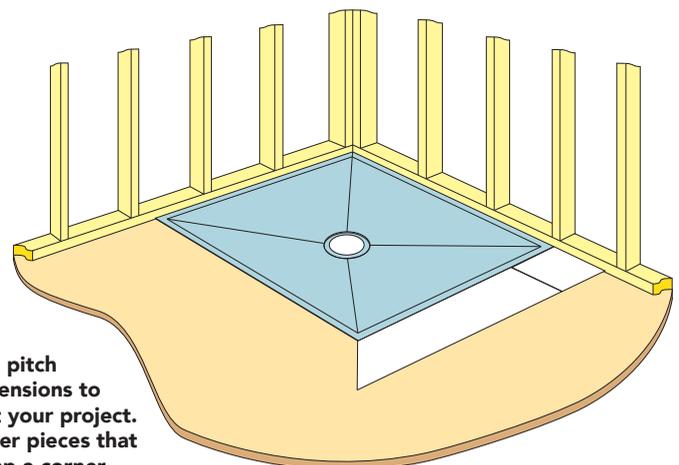
Pitch extensions will work with any TrueDEK Classic or TrueDEK Linear base, though there is one exception to note. A tub replacement base (TB5936-TR-S) is 1" thick at the edges, and not $\frac{7}{8}$ " thick like the others. To align the surface of pitch extensions with the perimeter of a tub replacement base, the extensions must be ripped in half. This means that the maximum amount of extension is 6" per side for a tub replacement base installation.

We recommend laying 2" or smaller tile to avoid the need for valley cuts; for larger tile, be sure you have the experience — or get some help — to correctly lay the tile, especially at the valleys.

STEP 1

With the shower base installed, cut pitch extensions to length and/or width for your design. Pitch extensions are modular, so be sure to figure out how many you need for your project, and allow additional length for mitering corners if the extensions will wrap around them.

Keep in mind that the thinner edge of a pitch extension bears against the shower base; preserve this edge if you rip a panel to width (unless you are enlarging a tub replacement base — TB5936-TR-S — in which case you want to rip the panels in half, as described above).

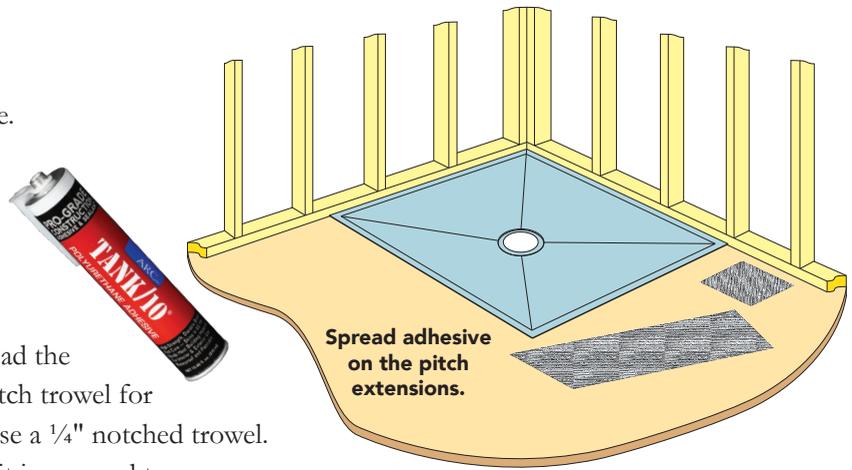


Cut pitch extensions to suit your project. Miter pieces that wrap a corner.

STEP 2

Turn over the pitch extensions and apply adhesive. Use Tank/10 construction adhesive or modified thinset mortar. Do not use construction adhesive other than a polyurethane type or a product that specifically states it bonds to plastic.

With either construction adhesive or thinset, spread the material uniformly with a trowel. Use a $\frac{3}{16}$ " V-notch trowel for construction adhesive, and for modified thinset use a $\frac{1}{4}$ " notched trowel. Construction adhesive spreads more easily when it is warmed to a temperature between 70° and 85°.

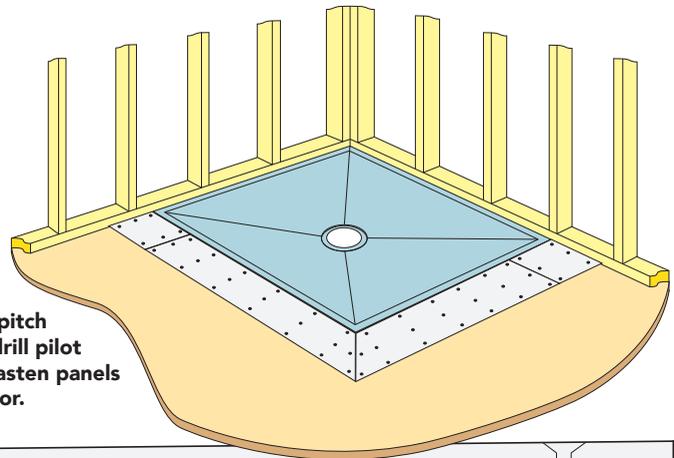


STEP 3

Place the pitch extensions into position and drill countersunk pilot holes for screws. Drill $\frac{1}{8}$ "-diameter holes 6" to 8" apart, making sure the countersinks are deep enough so the screw heads will be below the surface of the pitch extensions.

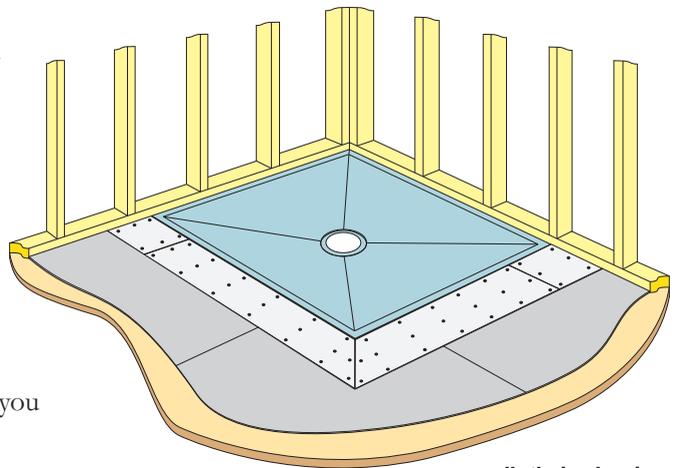
Drive screws to fasten pitch extensions to the subfloor. Use high quality wood screws like those from GRK — do not use sheetrock screws since thinset mortar will corrode them.

Position the pitch extensions, drill pilot holes, then fasten panels to the subfloor.



STEP 4

Once pitch extensions are fully installed, add $\frac{1}{4}$ "-thick tile backer or uncoupling membrane over the remaining subfloor area. Follow manufacturer's instructions for installation of tile backer board or uncoupling membrane.



LAYOUT OPTIONS

Expanding a shower footprint may take many forms. Below are examples to help illustrate the variety that's possible. Remember, you can cut panels narrower to achieve the size you want, though if you are mitering the ends you should make all pieces the same width.

