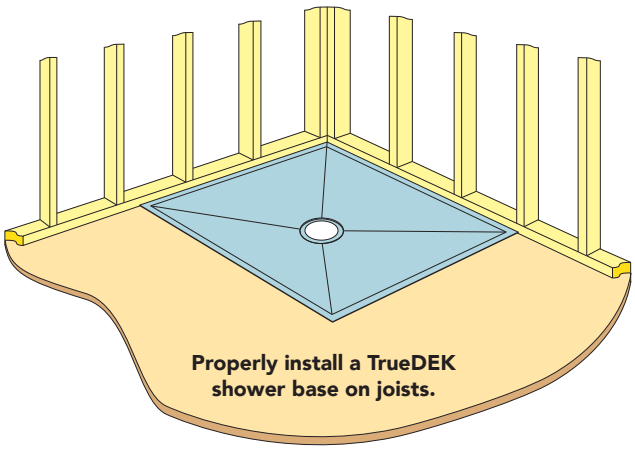
Installation Instructions

Pitch Extensions

**12" x 48"
Pitch Extension**

Want to build a shower but the lineup of ARC TrueDEK® bases doesn't include the exact size you want? 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 7/8"-thick at the edges. For example, by installing pitch extensions around a 59" x 59" TrueDEK Classic you can create a shower up to 7 ft. x 7 ft. 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 are doable with ARC pitch extensions.



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 ¼" per foot, which is the standard slope requirement for site-built showers. 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.

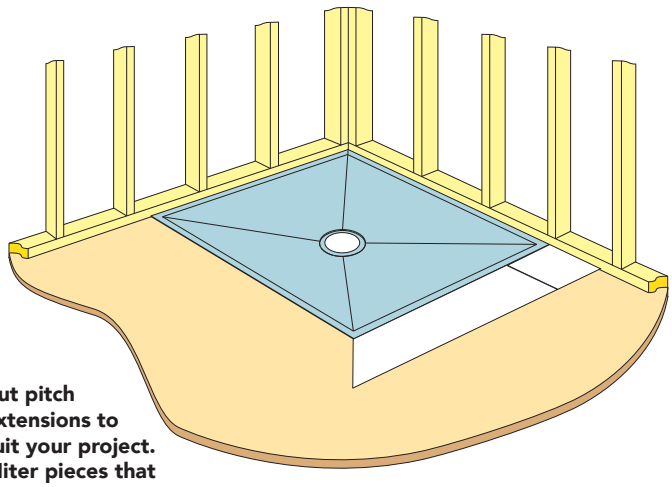
Pitch extensions will not work with the TrueDEK tub replacement model (TB5936-TR-S) because it is 1" thick. Whenever doing a shower with pitch extensions we recommend laying 2" or smaller tile to avoid issues with valley cuts; more experienced tilers may tackle laying larger tile with pleasing results.

Once an ARC shower base is properly installed you can begin adding pitch extensions. For more information on the installation of a TrueDEK shower base, please see our installation instructions and watch our videos.

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 an additional l ft. in length for mitering the corners.

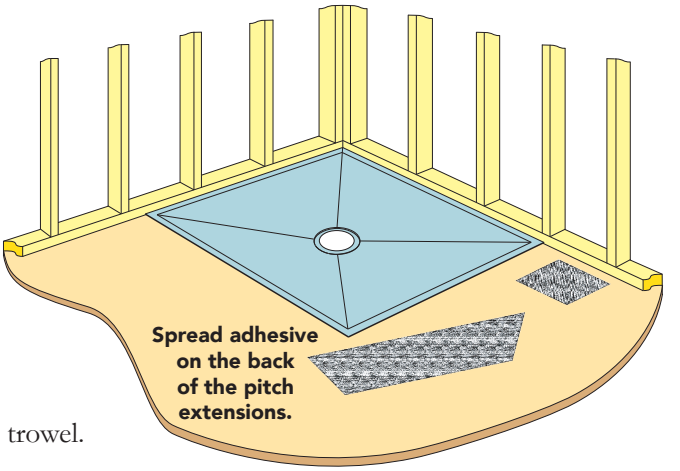
Keep in mind that the thinner edge of a pitch extension bears against the shower base; preserve this edge if you cut a panel to width (the rest becomes waste).



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

STEP 2

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



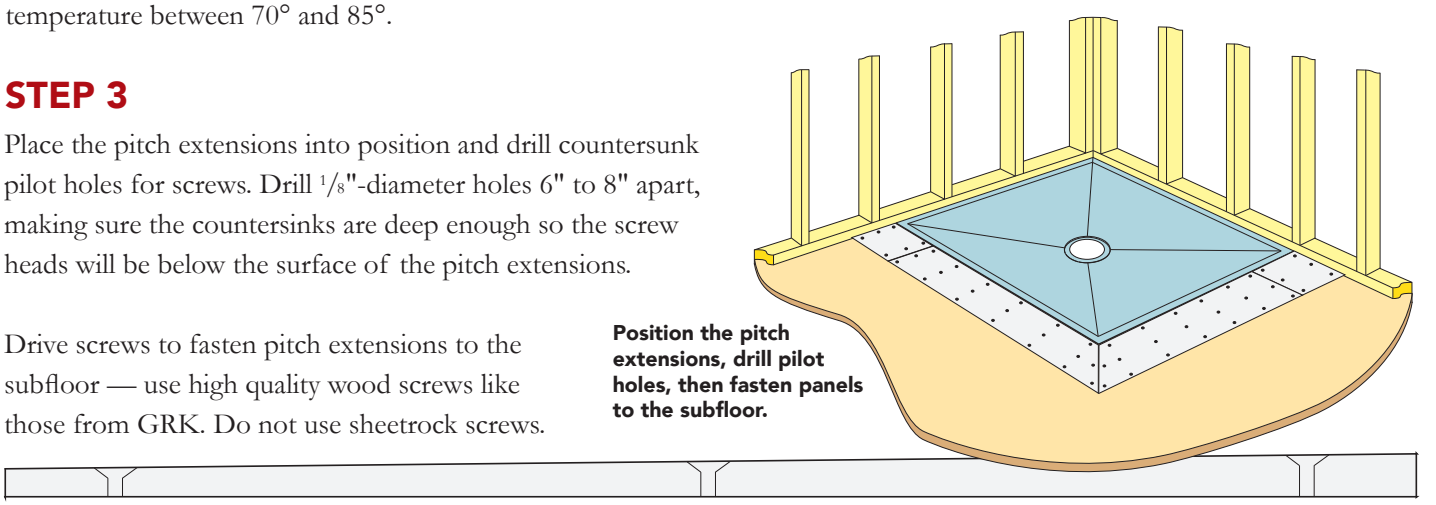
Spread adhesive on the back of the pitch extensions.

With either construction adhesive or thinset, use a trowel to spread the material uniformly. Use a 3/16" V-notch trowel for construction adhesive, and for modified thinset use a ¼" 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 ⅛"-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.

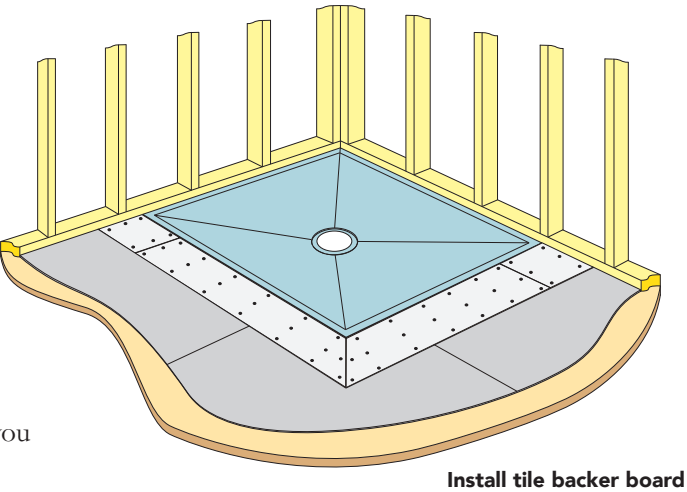
Drive screws to fasten pitch extensions to the subfloor — use high quality wood screws like those from GRK. Do not use sheetrock screws.



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

STEP 4

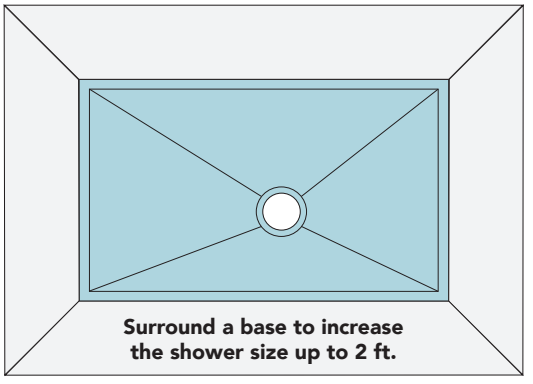
Once pitch extensions are fully installed, add ¼"-thick tile backer or uncoupling membrane over the remaining subfloor area. Follow manufacturer's instructions for installation of tile backer board or uncoupling membrane.



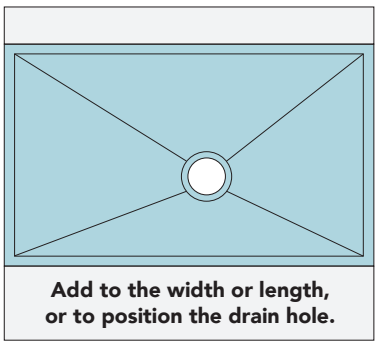
Install tile backer board or uncoupling membrane over the remaining subfloor.

OPTIONS

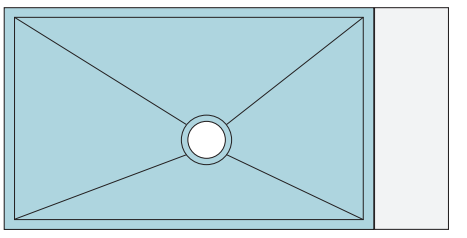
Expanding a shower footprint may take many forms. Below are examples to help illustrate the variety that's possible. Remember, you can cut panels narrower to achieve the size you want, though if you are mitering the ends you should make all pieces the same width.



Surround a base to increase the shower size up to 2 ft.



Add to the width or length, or to position the drain hole.



Use pitch extensions at any edge to achieve a desired effect.