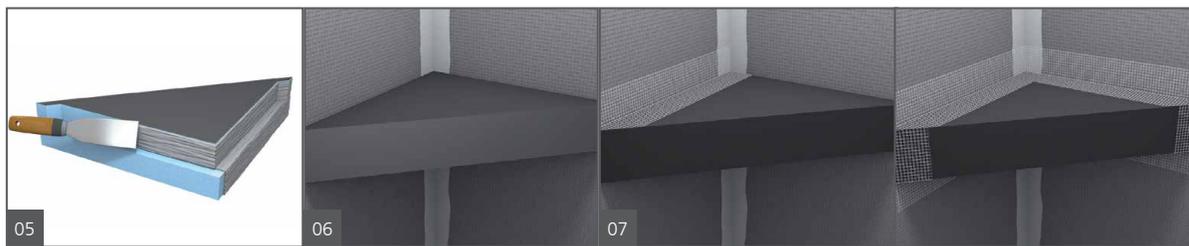


How to install wedi Prefabricated Shower Seats and Benches

Triangles made from wedi 2 in. (50.8 mm) Building Panel may be used to construct and install tile ready, suspended corner seats. The wedi Building Panels may be single sheets or doubled up to 4 in. (101.6 mm) or more by adhering to several triangle cut wedi 2 in. (50.8 mm) Building Panels using full contact application a minimum 1/4 in. x 1/4 in. (6.4 x 6.4 mm) square troweled bed of modified thin-set mortar or wedi Joint Sealant equally applied to the surface in 1/2 in. (12.7 mm) thick beads. The triangle seats are then sealed and adhered against wedi wall Building Panels using wedi Joint Sealant applied in 1/2 in. (12.7 mm) beads equally distributed over the contact surface. The seats should be pressed into position, giving it no more than 1/8 in. (3.2 mm) of a slope to the front. The seats have to be kept under compression against walls for at least 20 minutes. More joint sealant is then applied in 1/2 in. (12.7 mm) beads over all seams top and bottom of the seat and troweled flat using a putty knife. Allow the Joint Sealant to cure for 24 hours before applying wedi mesh tape over these seams and cover them with thin-set mortar. Tiling may begin. Note that the maximum seat size in this shape is limited to 18 in. seat length at both connecting (90° corner) walls. Such field-constructed triangle seats are approved for live, and dead load of 250 lbs centered on the seat. Below you can see the installation of wedi's prefabricated triangle seats. They are designed to withstand a weight of up to 350 lbs centered on the seat.



1. Apply wedi Joint Sealant to the side of the mounting bracket that will be attached to the wedi Building Panel wall.
2. Evenly distribute wedi Joint Sealant with a putty knife until the whole contact area is covered.
3. Mount the brackets through the wedi Building Panel wall into the solid 2 x 4 wooden framework. Ensure the brackets are in level position.
4. Using a putty knife, apply wedi Joint Sealant to the blue foam edges of the seat that will contact the wedi Building Panel wall and brackets.



5. Press the seat element into position and apply a weight (i.e., tile box) so the sealant can set under bond pressure.
6. Apply a 1/2 inch (50.8 mm) bead of wedi joint sealant over the transition seams between seat and wall on top side, underside, and side, and spread flat using a putty knife so it covers 1 inch (25.4 mm) of wall or seat surface on either side of the seam. Once wedi joint sealant has dried to the touch, install wedi mesh tape over all topside transitions to the wall and cover with thinset mortar.

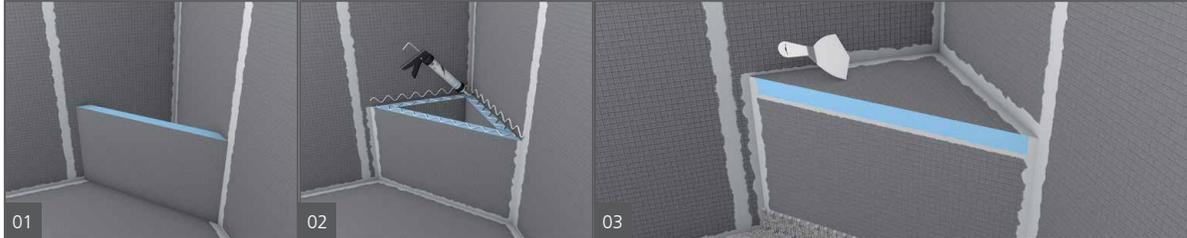
7. Tiling can start immediately. The seats are pre-sloped so tile can be installed flat over the seat's surface.



Building Custom Seats and Benches

Using 1 1/2 in. (38.1 mm) or 2 in. (50.8 mm) thick wedi Building Panels

wedi offers prefabricated suspended or wall mounted seats and floor standing seats. Both may also be constructed on-site using wedi Building Panels. This is an ideal option that will perfectly accommodate your individual tile and design layout.



1. Measure and cut the bench pieces off a wedi 2 in. (50.8 mm) thick wedi Building Panel and dry fit. When installing a corner seat, the panel edges are mitered for a tight fit. To achieve a slope, the parts' upper ends are cut down with a slight angle towards the front of the bench. Optionally, create a pitch using wedi Joint Sealant as a "wet shim".

2. The wedi parts are adhered to the wall using thin-set mortar or wedi Joint Sealant. Adjoining parts are glued together using wedi Joint Sealant continuously applied along all-foam edges of a panel.

3. Excess is spread flat over the seams using a putty knife. Where the backs of the parts meet the wedi wall, modified thin-set mortar is used in a full-contact surface bed. Once the bench is built, a final bead of wedi Joint Sealant is applied to seal all seams to the wedi wall safely. The vertical front part of the bench will show a small gap to the pitched floor. Fill with thin-set mortar and alkali-resistant fiberglass mesh tape by wedi, applied over this seam. Alternatively, benches and seats are offered as prefabricated units made by wedi. For longer or larger benches built from our 2 in. (50.8 mm) building panel, always install one spacer/support made of wedi 2 in. (50.8 mm) Building Panel every 18 in. (457 mm) in either direction. Over the blue exposed foam edges, adhere a wedi Building Panel strip to the foam using wedi Joint Sealant. This will create a cement-based surface to adhere tile to it. Optionally, the blue foam may be covered with wedi Joint Sealant. The covering of the blue foam areas is not necessary where tile is used that will overlap and cover the blue area with no more than 50 % of its size. Such larger tile is thin-set adhered to the seat, including the foam surface. The maximum weight allowance on seats or benches built with vertical supports placed every 18 in. (457 mm) o.c. is 500 lbs (227 kg).

