Before You Begin

Here is a short list of things that you should know before installing your new RedGard® Shower Kit.

1. Your Subfloor Is Key.
   Ensure that your subfloor is sound and ready to accept the installation. Any gaps in the subfloor around the drain or in other areas must be filled with either wood or cement depending on your installation surface.

2. Drain Installation Is Crucial to a Water Tight Installation.
   The drain forms a vital seal between your shower and the plumbing system. It is important to follow the instructions carefully and ensure that enough sealant is applied and that both are tightened but not overtightened. Drain parts are oriented from top to bottom so please ensure that you take note of the order and placement of your drain parts.

   Your shower slope is designed so that any one or all sides can be trimmed by up to 3” to accommodate for walls that are out of square. Should you have a situation where you cut the slope wrong or for any reason a gap occurs between the slope and the wall, fill it with SpeedFinish or thin-set mortar prior to the application of RedGard®.

   Ensure that your subfloor is sound and ready to accept the installation. Any gaps in the subfloor around the drain or in other areas must be filled with either wood or cement depending on your installation surface.

5. Please Follow All Instructions to Ensure Leak Free Installation.
   The drain requires a 6 inch diameter hole cut into the sub-floor. Consult a licensed plumber to ensure the drain is installed within 1/2” of the drain hole in your shower pan. The drain requires a 6 inch diameter hole cut into the sub-floor. Consult a licensed plumber for proper installation.

Step 1A – Backerboard Installation

1. Place backerboard on walls.
   Starting at the floor, install backerboard such as WonderBoard® Lite on walls. Cut out all obstructions such as pipes and valves with an appropriate and fine-toothed saw and any wall board that contains gypsum or wood fiber is not suitable for direct contact with water. If installing a Shower Niche, cut hole prior to hanging backerboard. Please refer to Shower Niche installation instructions.

2. Secure backerboard with screws.
   Secure the WonderBoard® Lite using backerboard screws or galvanized roofing nails according to board installation requirements.

3. Apply backerboard tape to seams.
   Using provided SpeedFinish™ patching compound, coat all backerboard seams, then cover with supplied alkali resistant backerboard tape. The drain requires a 6 inch diameter hole cut into the sub-floor. Consult a licensed plumber for proper installation.

   Cover the tape with a smooth coat of SpeedFinish™ cement. Once SpeedFinish™ has dried (approx. 20 minutes) and is a light gray color, paint with RedGard® Lite using mesh tape. The drain requires a 6 inch diameter hole cut into the sub-floor. Consult a licensed plumber for proper installation.

Step 2 – Slope Installation

1. Measure the front of your shower stall and the curb that needs cut.
   Measure the front of your shower stall and the curb that needs cut. The curb requires a 6 inch diameter hole cut into the sub-floor. Consult a licensed plumber for proper installation.

2. Prepare the slope.
   Place the shower slope red-side up, pressing the pieces together in the process. Caulk should seat within 1/4 of an inch up from the joint at all of the edges.

3. Cut shower pan (if necessary).
   Use a table saw or circular saw to cut the slope to the proper dimensions. You may use up to 3” of an angle at any side. Use of safety equipment is required.

4. Dry fit pan pieces.
   Fit the pieces of the shower slope into pieces, red side up, to check for proper alignment. The slope should be snug within backerboard walls and the drain should be aligned.

5. Prepare a flat workspace.
   Work on a flat, level surface, such as a workbench or thick sheet of plywood, that will support the entire shower pan when assembled.

6. Apply RedGard® to wall surfaces.
   Using the cut-out provided, paint RedGard® onto walls, overlapping previously coated with the brush. Ensure a thick even coat of RedGard® is applied over the entire backerboard surface.

7. Align the pieces of the slope and tape together from bottom.
   Turn the slope and slide down and align the two pieces so they can be joined by tape. Ensure that the slope pieces are aligned so that water will flow toward the drain opening once assembled.

8. Set slope on its side.
   Set the taped slope on its side with the two pieces of an angle connected on one side to the drain. The tape will act like a hinge.

9. Caulk the joint between the 2 pieces.
   Cut the tip of the caulk tube 1/6 of an inch and squeeze the tube in the container in a line with a long nail or wire. Always apply as much caulk as you think you need because if it’s dry, the joint will have to be 1/2” to 1/4 inch in diameter. Apply caulk around the entire perimeter of the edge where the two pieces will be connected. The caulk should be within 1/4 of an inch up from the top and bottom surfaces of the slope.

10. Tape across the center seam.
    Tape the top surface of the shower slope over the joint. Press the tape into the surface to ensure good contact.

    Two 36 inch curbs are provided in the kit and can be cut to fit your specific installation.

12. Measure and mark curb pieces.
    Measure the front of your shower stall from left to right and place the curb pieces into the kit. Place your measurement to the curb that needs cut.

13. Cut curb.
    Using a hand saw or power saw take care to cut the curb straight so it will fit flush with the wall.
Step 2 - Fit Slope and Assemble

16. Apply sealant to join curb pieces. Note that each curb has a layer of dense PVC material. This layer is intended to be the top of the curb. When joining the two pieces of curb ensure that they have a similar orientation with this PVC layer on top. Begin by applying sealant to the flat factory cut ends of the curb. Apply the sealant in a square around the perimeter of the curb about one half inch inside. Then place an X of sealant inside the square. Double check the orientation of the PVC layer before joining the two pieces together at factory cut ends.

17. Press together and wrap joint with tape. Strike off any sealant that may have squeezed out with a putty knife provided in the kit. Taking care to minimize any smearing of the sealant. Wrap the curb at the joint with the high strength tape provided with the kit. This tape should be wrapped tightly around all four sides of the curb and be firmly pressed into place to ensure good contact.

18. Dry fit. Place the newly assembled shower slope and curb back into shower wall to ensure a snug fit. If necessary take a bit more off one end. If the curb is too short, this gap will need to be filled with thin-set mortar. Place the curb into the thin-set and slide toward slope and downward at the same time, ensuring that the PVC side is up. Firmly press the slope into the thin-set to create a secure bond. Set the slope into place in the shower, ensuring that the drain hole is properly aligned. Firmly press the slope into the thin-set to create a secure bond.

Step 3A – Install Floor

1. Apply urethane sealant to perimeter. Apply urethane sealant to perimeter of slope working from the outside so as to not disturb the newly set seal. Apply a bead along the perimeter of the slope where it meets the walls and curb. Also bring a bead up and over the top of the curb at each end to ensure a good connection to the wall. This urethane sealant will remain tacky for 30 minutes before it can be coated with RedGard®.

2. Apply thin-set to shower floor. Use thin-set mortar to secure the slope to the floor. Spread thin-set using a minimum ½” x ½” notch trowel to ensure proper coverage. Complete a final coat of the thin-set mortar all in one direction.

3. Set the shower slope into place. Set the slope into place in the shower, making sure the drain hole is properly aligned. Firmly press the slope into the thin-set to create a secure bond.

4. Bolt down drain flange. Secure the top of the drain flange to the bathroom floor using a bolt kit. This ensures a good connection to the wall. Using a brush provided, coat the area where the backerboard and the flange meet with a generous coating of RedGard®.

5. Apply thin-set to floor for curb. Use thin-set mortar to secure the HardCurb® to the floor. Spread thin set using a minimum ½” x ½” notch trowel to ensure proper coverage.

6. Apply sealer to edge of slope. Apply sealant provided to apply a generous bead of sealant to the edge of the shower slope where the curb will attach.

7. Set Curb in place. Now that thin-set and sealer have been applied, check the orientation ensuring that the PVC side is up. Place the curb into the thin-set and slide toward slope and downward at the same time, ensuring firm contact.

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Step 3B – Waterproof Floor

1. Treat comers and changes of plane with RedGard®. Using a brush provided, coat the area where the backerboard and the flange meet with a generous coating of RedGard®.

2. Apply RedGard® to taped seams. Seams in the pan and curb also need a coat of RedGard® which can be applied using a brush or roller.

3. Inspect and fill pinholes. After the RedGard® is dry, inspect all areas for any pinholes. Recruit with a brush and RedGard® to fill any voids.

4. Ready to tile. When RedGard® changes from pink to red, it is dry. You can begin tiling in as soon as 90 minutes.

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1. Apply sealer to joint with the high strength tape provided in the kit. This tape should be wrapped tightly around all four sides of the curb and be firmly pressed into place to ensure good contact.

2. Apply thin-set to shower floor. Use thin-set mortar to secure the slope to the floor. Spread thin-set using a minimum ½” x ½” notch trowel to ensure proper coverage. Complete a final coat of the thin-set mortar all in one direction.

3. Set the shower slope into place. Set the slope into place in the shower, making sure the drain hole is properly aligned. Firmly press the slope into the thin-set to create a secure bond.

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