

SURFACE APPLIED CONCRETE HANDICAP RAMPS OR PLATFORMS

NOTE: Be sure to read all of these instructions before you begin

Surface Applied Application: Panels may be surface mounted on existing concrete curb ramps, or zero curb face sidewalks, with no surface preparation other than cleaning.

1. The area of installation must be cleaned of debris, dust, oil, grease, and concrete laitance. It must also be completely free of surface moisture.
2. Lay out a panel on the ramp and mark around the panel with a pencil to identify the panel's exact installation location. Check concrete substrate to ensure it meets ADA requirements of 2% cross slope and 8.33% maximum ramp slope. If required, the panel may be cut with a saw using a diamond tipped blade.
3. Once the panel location has been marked, flip the panel over and apply the Answer Bond adhesive in all of the moisture barrier channels. The Answer Bond adhesive bead should be approximately 3/8" in diameter. This will ensure a "gasket-like" seal is created when the panel is installed.
4. Place the panel in the previously marked location. Make any minor adjustments prior to fastener installation.
5. Standing on the panel, using a rotary hammer drill, with a 1/4" carbide tipped bit, drill a 1/4" hole a minimum of 1 7/8" deep. Begin with the middle anchor location of the panel, and work your way out from the center. Start the stainless steel screw into the Hilti anchor and place the screw and anchor on the square driver on the screw gun. Applying down-pressure with the screw gun, press the anchor until the anchor goes through the panel and is flush with the surface of the concrete. Tighten the screw until it and the anchor are secure, and the screw is in full contact with the countersunk surface of the panel.
6. If the installation requires additional anchors, another anchor may be added at any dome location. Using a carbide tipped #10 combination countersink with a 3/16" drill bit. Drill through the center of the dome and create a countersunk screw location for a #10 stainless steel screw and Hilti HUD-1 universal anchor. Follow the same installation method above for installing the fastener.

Freeze/Thaw Climates:

1. After panel installation is complete, caulk around the perimeter of the panel with Sikaflex 2cNS or equivalent. Follow installation procedures of the caulking manufacturer.

If you have additional questions or concerns, please contact us.

ADA Answer Industries aims to be your ANSWER for all your ADA compliance needs!