



Underdeck Drainage Installation with StoneDeks System

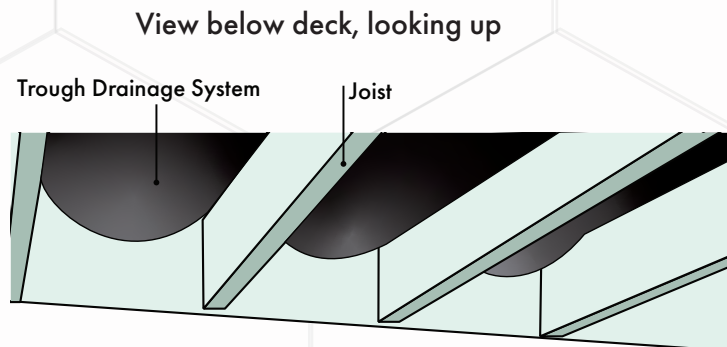
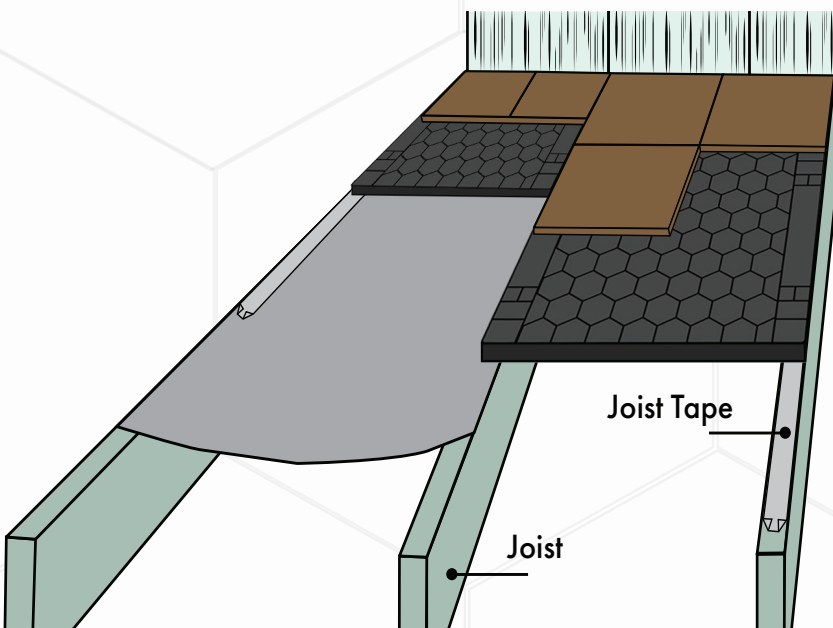
Two types of underdeck drainage systems: Trough and Ceiling Mount

The trough type installs on top of the joists with a trough between the joists, and a ceiling type installs under the joists. All installations of the underdeck drainage systems should be done according to the local building code and the manufacturer's instructions for the system that you are using. The StoneDeks SilcaGrate™ System can then be installed over top of the joists and underdeck drainage system once a self-sealing joist tape is installed on top of the joist as shown in the diagrams below.

Method 1.) Trough Style System

Once the trough membrane is installed, tape the joints on top of the joists with a self-sealing joist tape and then install the SilcaGrates on top of the joist at 16" on center joist spacing.

Apply tape to the top of the trough over the blocking, or anywhere there may be a penetration from nails or deck screws. Tape over seams and anywhere screws may penetrate. Install underdeck drainage system according to manufacturer's instructions.



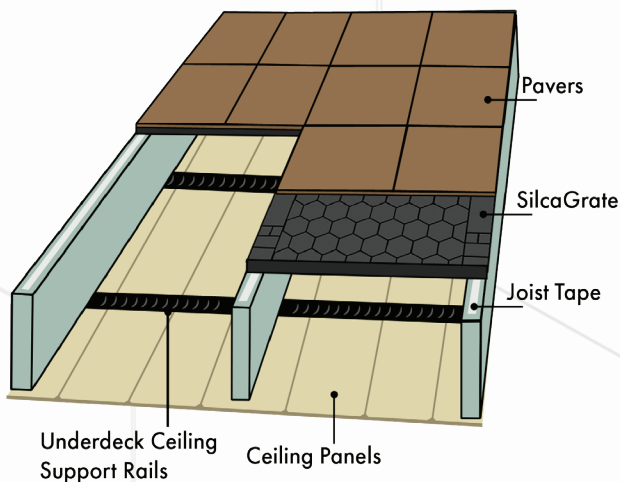


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Method 2.) Underdeck Drainage / Ceiling Style Systems

Install underdeck drainage system according to manufacturer's instructions. Install joist tape on top of the joist, screw SilcaGrate™ to joist and install pavers according to the appropriate application described in StoneDeks installation instructions.

Transitional Top View; Framing, SilcaGrates added then Pavers



Underside view of framing, support beams and finished ceiling panels

