What are permeable pavements?

Permeable pavers comprise of various materials. Installation methods are conducive to the directed flow of water. The setup can be modeled to fit the aesthetic and functional needs of the surroundings, while still allowing storm water to permeate through the base of the paver. Not only are they used as an excellent tool to prevent flooding, but they assist in harvesting water for additional use, such as in irrigation systems. The degree of permeability from the paver is affected by the type of stone and the method of installation. There are three different types of permeable pavement; grass, interlocking concrete, and porous concrete.

Step 7. Begin to place the paver horizontally across your surface. Once each paver is firmly in place, use your caulking gun and adhesive to attach each neighboring paver. Once the edge is reached, use the jigsaw to cut pavers to size.

Step 8. If you have a critical understanding of the job at hand, you may continue with your project. Step 5 is about assessing your work. If you are not satisfied with the work you have done, this may be the step where you decide to hire a contractor.

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Each type has their own benefits. Permeable pavements are slowly on the rise due to their fresh advantageous qualities that cannot be replicated with traditional pavements. They are not only carried at lower installation costs, but are durable enough that they do not need to be continuously replaced, making them a financially sound choice.

Simple Guide: How to Install Permeable Pavement

Step 1. Determine what type of permeable pavement is compatible with your location. The Composite Permeable Paver Grid System is most effective in low speed vehicular roads and decreasing the rate and quantity of rainwater runoff. Acquire any necessary permits. Each permeable material provides manufacturer instructions.

Step 2. Measure the perimeter of your work area and choose the color scheme of your permeable surface. Collect your supplies from your local hardware store.

Step 3. Use your shovel and level to insure our surface is leveled. Use the compactor to make sure our base is at 95% proctor density. Use the edging tool to edge the outline of our work area.

Step 4. Determine your design pattern. In this tutorial, we will be following the running bond pattern.

Step 5. Place the grids and cover your surface. Restrained them using the metal spikes. You can begin placing the sand and gravel base. Place the gravel down first, 6-inches deep. Each layer should be placed two inches at a time. Next the sand will be placed down one inch at a time.