


# Permeable Concrete or Pervious Concrete or Porous Concrete and Other Walkways



# What is Permeable Concrete?

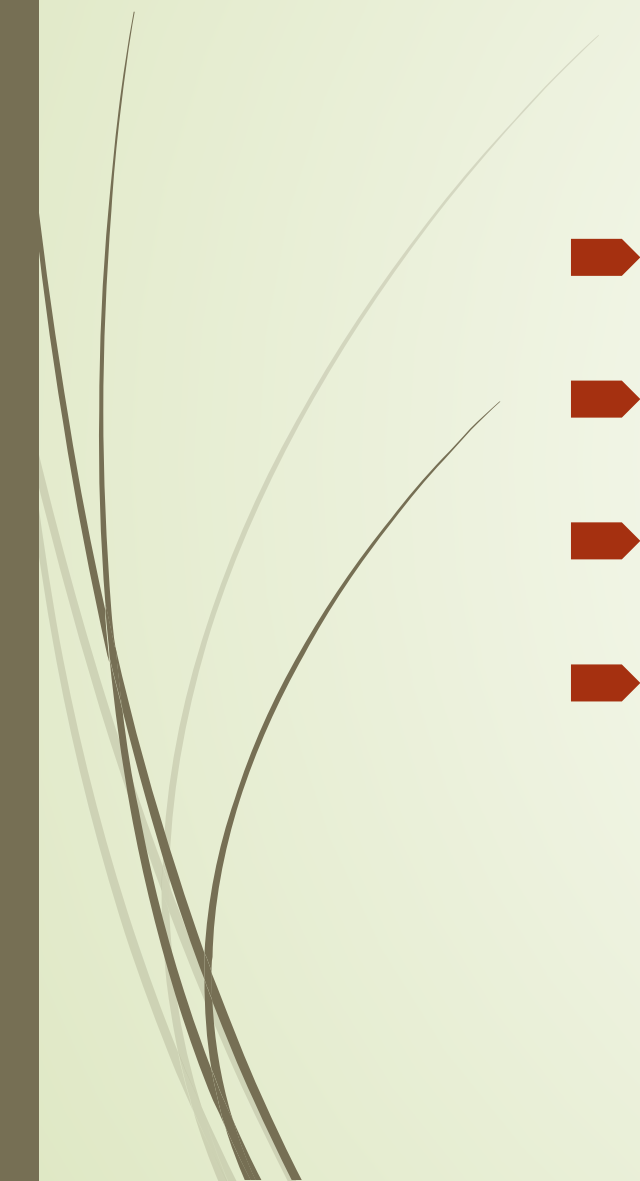
- It is a special type of concrete with high porosity.
  - It allows water from precipitation and other sources to run through the concrete instead of off the concrete.
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# Flowing Through Permeable Concrete



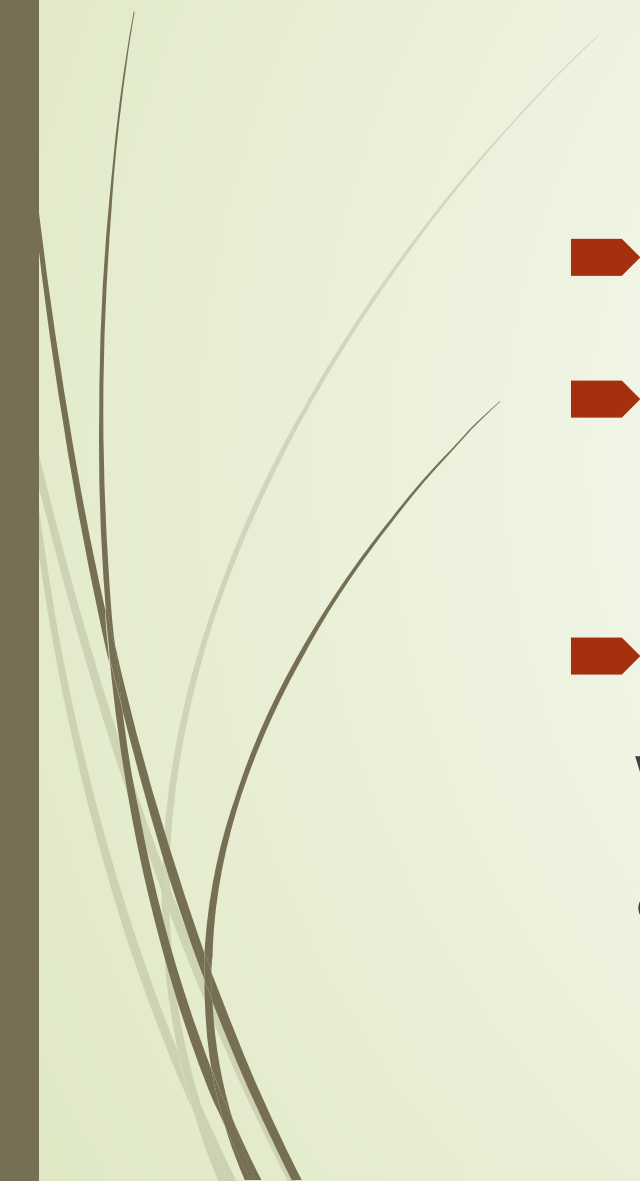


# Uses of Permeable Concrete

- Parking Areas
  - Driveways
  - Greenhouse Floors
  - Walkways
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# Advantages of Permeable Concrete

- It is environmentally friendly.
  - It prevents polluted water from flowing into streams, lakes, and water supplies.
  - It allows water to go into the ground which replenishes ground water and aquifers.
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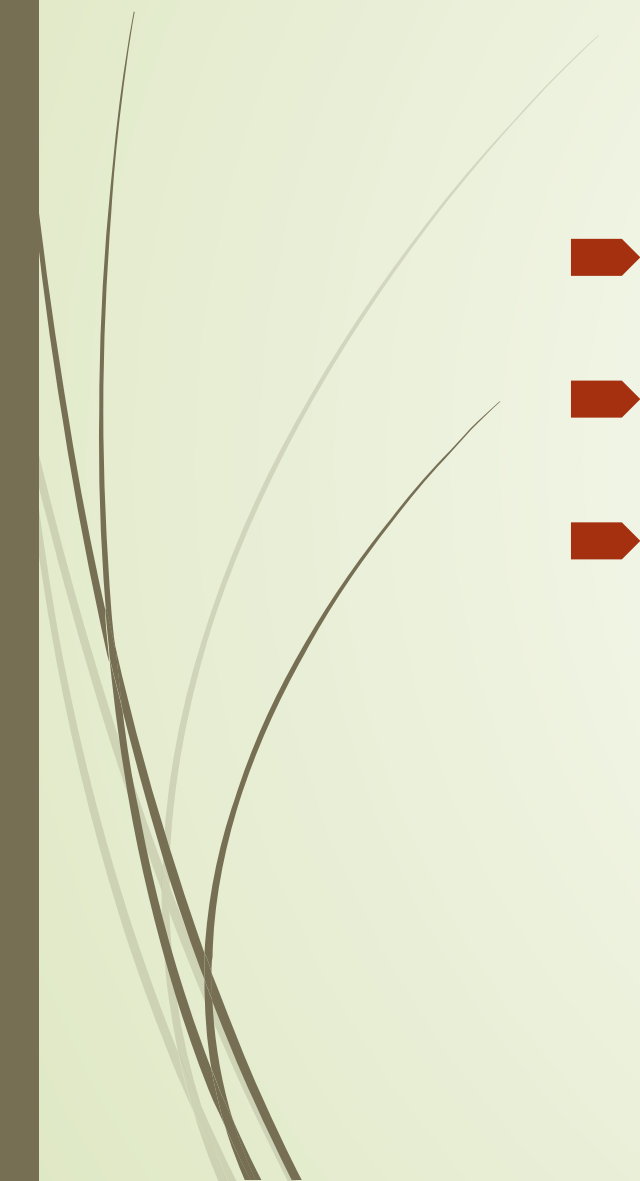


# Recipe for Permeable Concrete Pavers

- 3 parts gravel (the smaller the size, the smoother the surface).
  - 1 part loose cement.
  - About  $\frac{1}{4}$  part water (exact amount depends on how dry the gravel is).
  - To test the mix, make a ball. If the ball holds together and has a shine without water dripping out, the amount of water is good.
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# Example of Recipe

- ➡ 3 gallons gravel
  - ➡ 1 gallon cement
  - ➡ 1 quart of water
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# Permeable Concrete Walkway



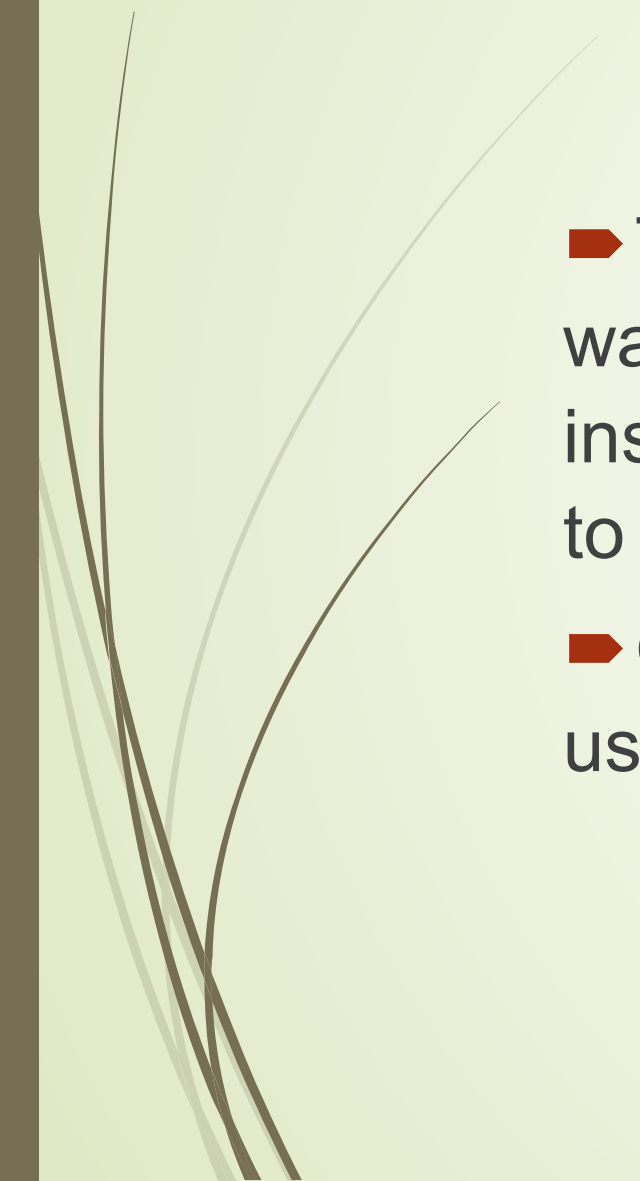


# Permeable Concrete Blocks





# Grid System Walkway

- There are MANY products for this type of walkway/paver system. This link has 'How To' instructions for installation so will give you a good look to see if this is a solution for your Garden!
  - Grid Pavers: <https://vodaland-usa.com/products/grass-driveway-grid>
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# Grid System Walkway





# Grid System



# Filling Grid Systems



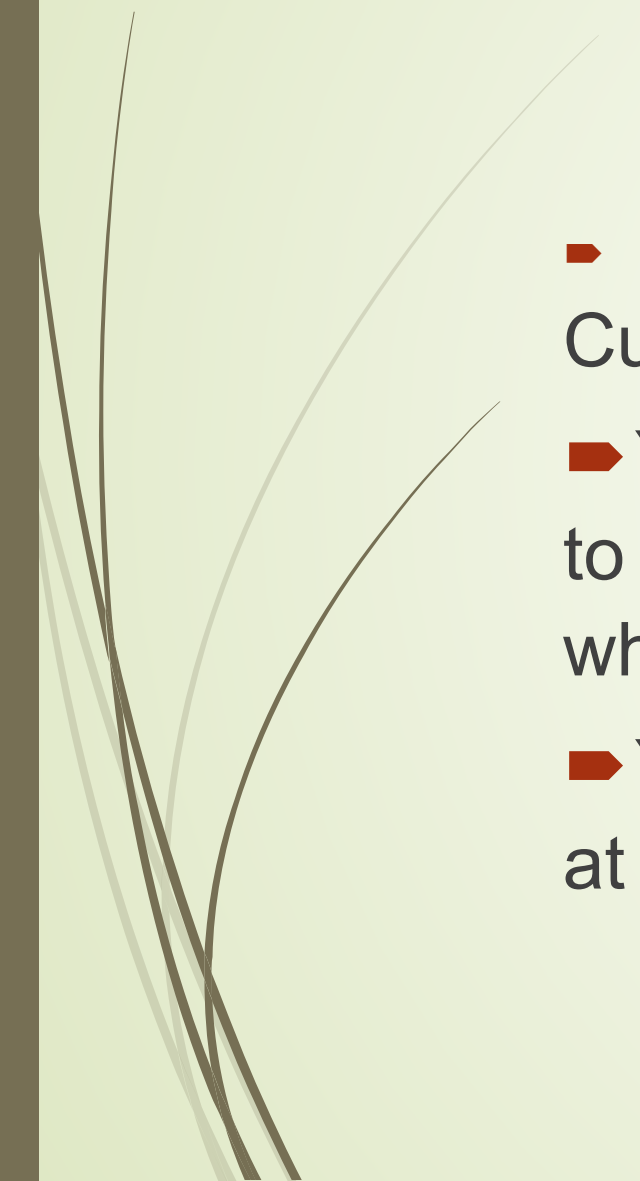


# Grid System Driveway





# Decomposed Granite Walkway

- A fairly inexpensive and DIY friendly solution. Current pricing is around \$120.00 per yard.
  - You will want to have the material delivered as close to your project as possible since you will likely be wheelbarrowing it to your location.
  - You can buy this in bulk at several area nurseries or at stone yards.
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# Decomposed Granite Walkway





# Decomposed Granite Walkway






# Decomposed Granite Walkway





# Pavers in Permeable Walkways

- Use regular concrete or stone pavers
  - Allow space around pavers
  - Fill gaps with sand, decomposed granite, or pea gravel
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# Paver Walkway






# Paver Walkway





# Walkways in Your Landscape

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- Where do you need walkways in your landscape?
  - What look are you wanting?
  - How much time can you spend building the walkways?
  - How much money do you want to spend on walkways?
  - Consider using permeable, pervious, or porous walkways.