

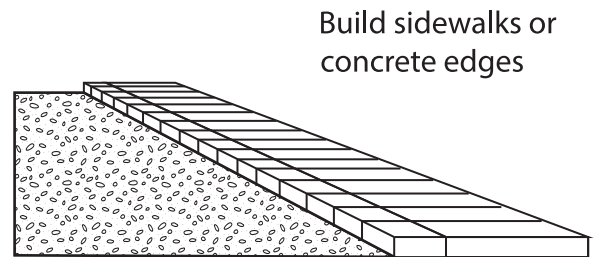
**Gravalock®**  
permeable paver

## Installation



### SOIL PREPARATION:

1. Any rigid element like sidewalks, walls, concrete edges, etc. must be done before grid system installation.
2. Preparation consists on removing all soft soil like plant soil and level it the best possible, compact loose soil if needed. Leave enough deep space to place gravel base and grid (gravel base thickness depending on paving use) plus 2 inches for the Premium P40 grid or 1.5 inches for the Slim S56 grid.

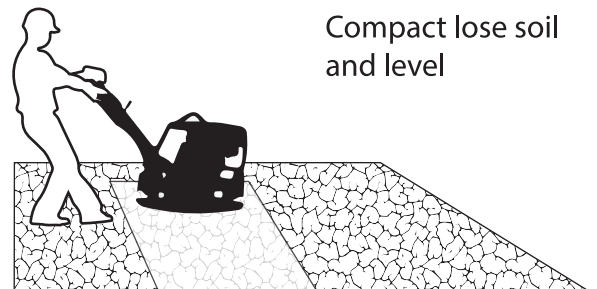


Build sidewalks or  
concrete edges

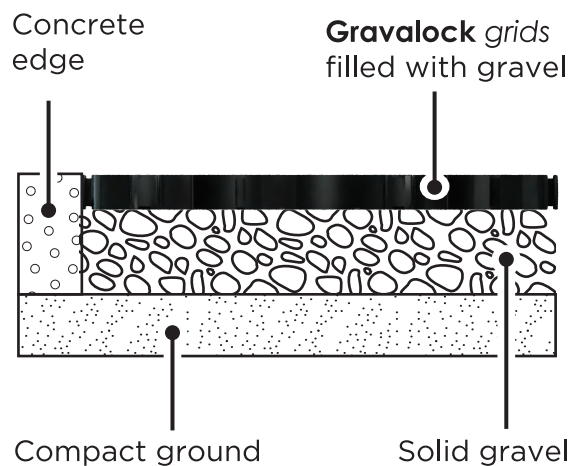


### GRAVEL BASE:

1. There has to be a base made of gravel between soil and plastic grid. It will help finish leveling the soil in case there are some imperfections, also it will give all the system a higher weight capacity and retain more rain water for absorption.
2. Base thickness depends on the type of project. It is recommended to be from two to ten inches thick.
  - a. A two to four inches base should be made for walking path, patio, park or any place where there is not going to be cars (Slim S56 grid).
  - b. A eight to ten inches base is recommended for places where there is going to be cars or trucks. Four inches thick base for house driveways and ten inches thick for parking lots and low traffic streets (Premium P40 grid).
3. Base gravel should be made with angular clean stone. It can go from 3/4 to 1 1/2 inches diameter. Level and compact gravel base the best way possible.



Compact loose soil  
and level

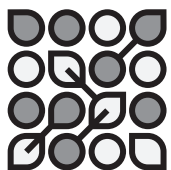


Concrete  
edge

**Gravalock** grids  
filled with gravel

Compact ground

Solid gravel

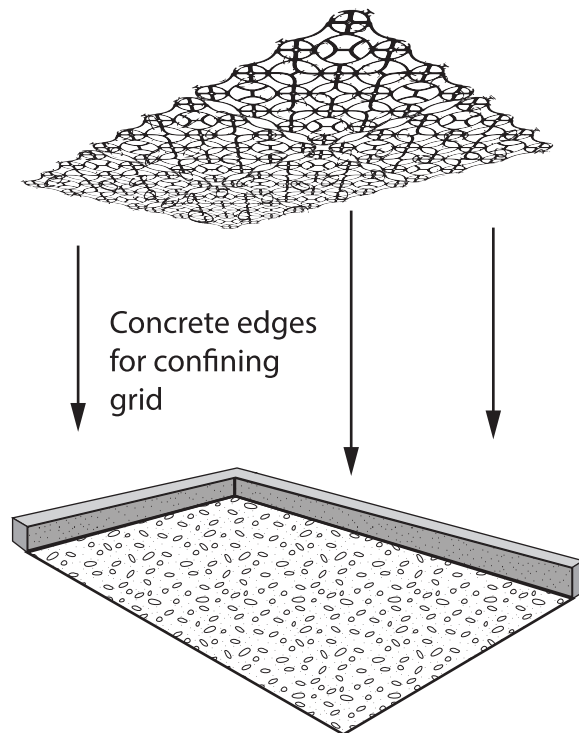


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## GRID INSTALLATION:

1. Grid should be confined all around within a wall, side walk, concrete edge, etc, previously made.
2. Having ready gravel base just place the grid above and assemble it together. It is important to have an idea which way you are going to accommodate the grid to avoid waste specially within irregular areas.
3. On irregular areas, the grid that do not fit can be disassembled (use a rubber hammer) and leave that small area to be filled with gravel. To totally cover area with **Gravalock** grid assemble it and cut the excess. It can be easily cut with a hacksaw, round saw, etc. Leave one inch between grid and confinement.
4. Before filling **Gravalock** grid with gravel compact it the best way possible so it settles above gravel base.



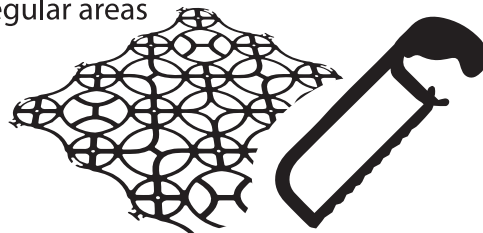
## GRID FILL:

1. Simply fill **Gravalock** grid by pouring gravel with a wheelbarrow or directly from a truck and spread with a shovel, rake, bobcat, backhoe depending on size installation.
2. Remove gravel excess and compact **Gravalock** system installed. Refill with more gravel in empty spaces if necessary after compacting.

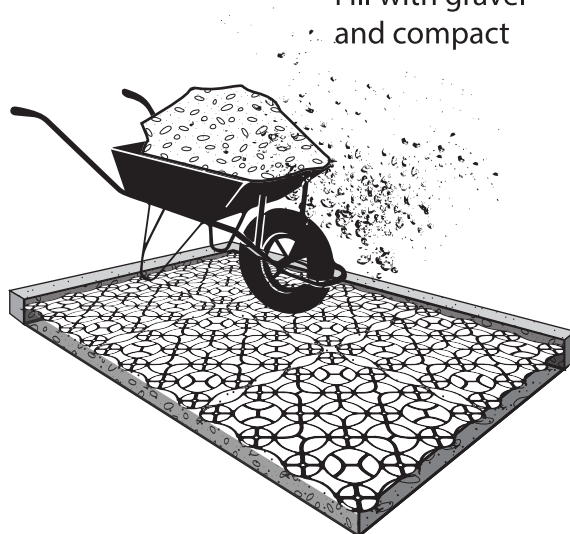
Maximum gravel size is 1 inch diameter. If a smoother finish is wanted use a smaller gravel 3/8 to 1/2 inch diameter, we highly recommend 3/8 inch diameter gravel.

**Gravalock** grid can be filled with any kind of gravel to get a desired finish.

Cut excess on  
irregular areas



Fill with gravel  
and compact



For more information please visit

**[www.gravalock.com](http://www.gravalock.com)**

or contact us at

**[customerservice@gravalock.com](mailto:customerservice@gravalock.com)**