

THE SOLUTION FOR  
**ECOLOGICAL PERMEABLE FLOORING**  
FOR INDUSTRY AND COMMERCE.

Data Sheet



# Gravalock *Premium*



**Gravalock®**  
permeable flooring



# Gravalock Premium

High resistance and  
care for the environment.

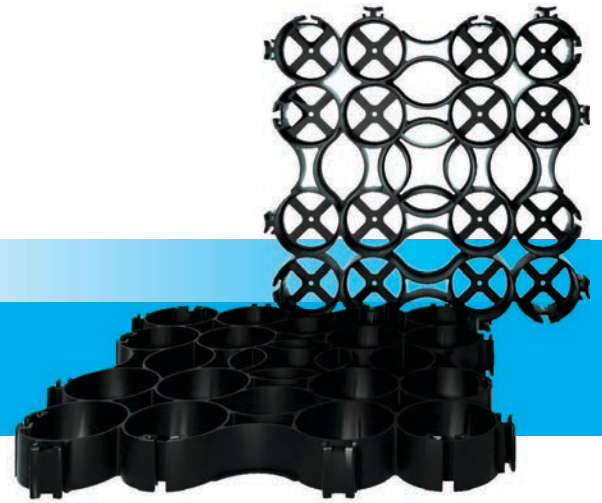
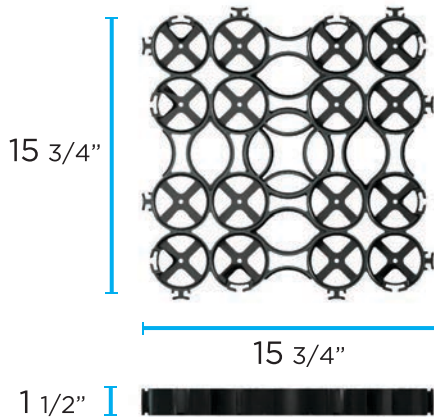


## Load capacity

5.5ton/ft<sup>2</sup>



## Dimensions

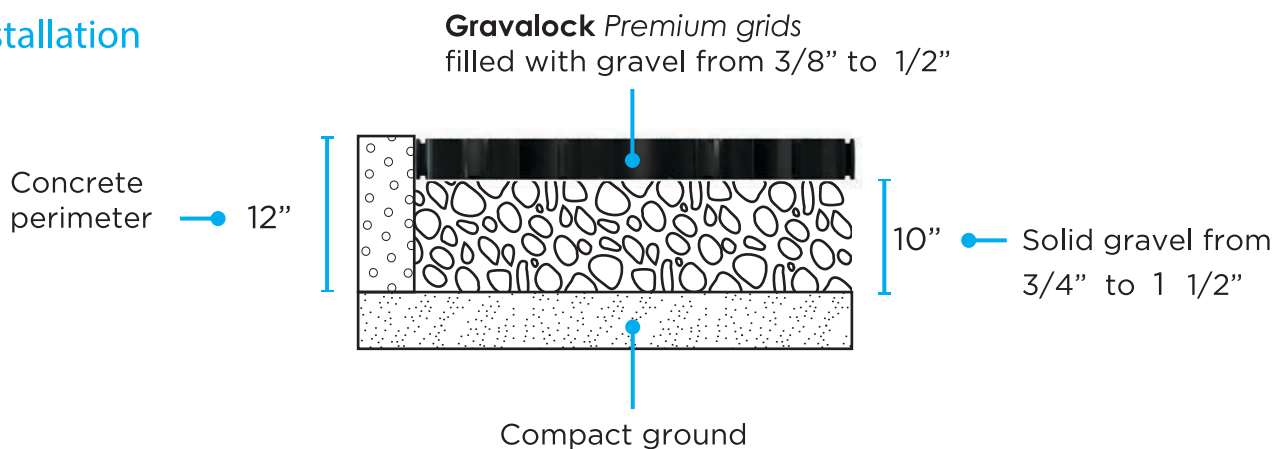


## Applications

- Industry and commerce.
- Trailer yards.
- Low speed secondary roads.
- High traffic parkings.
- Roads for heavy vehicles.



## Installation



## LEED® points

Use Gravalock® grids in your projects  
and obtain LEED® points.



Water Efficiency (WE)

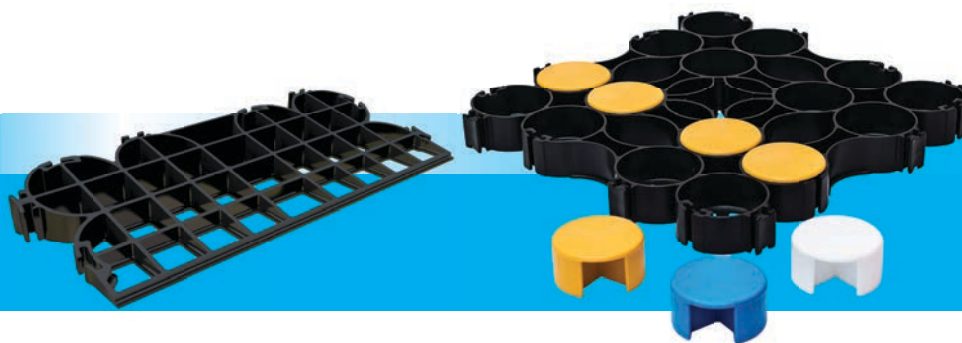


Materials and Resources (MR)






# Gravalock Premium

Exclusive accessories for  
**Gravalock Premium.**



Optional accessories are available for **Gravalock Premium** series to complete your projects easily.  
The system offers ramps and color markers to define parking areas quickly.

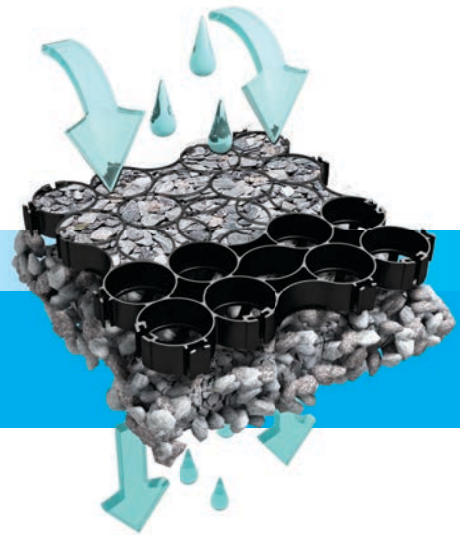
## Gravalock comparative product table

	 <b>Gravalock Premium</b>	 <b>Gravalock Slim</b>	 <b>Gravalock Walk</b>
Grid area	15 <sup>3</sup> / <sub>4</sub> " x 15 <sup>3</sup> / <sub>4</sub> " (1.72ft <sup>2</sup> )	22" x 22" (3.33ft <sup>2</sup> )	22" x 22" (3.33ft <sup>2</sup> )
Grid height	1 <sup>1</sup> / <sub>2</sub> "	1"	1"
Load capacity	60t / axis	40t / axis	20t / axis
Useful life	20 years or more	20 years or more	15 years or more
Material	100% recycled polypropylene	100% Recycled polypropylene	100% Recycled polyaluminium
Color	Black with UV protection	Black with UV protection	Grey with UV protection
Permeable area	80%	80%	80%
Compressive strength	98 lb / ft <sup>2</sup> (increases dramatically filled with gravel)	65.5 lb / ft <sup>2</sup> (increases dramatically filled with gravel)	65.5 lb / ft <sup>2</sup> (increases dramatically filled with gravel)
Temperature range	-50 °C a 90 °C	-50 °C a 90 °C	-50 °C a 90 °C
Volume of gravel required by ft <sup>2</sup> of installed grid.	0.22ft <sup>3</sup> aprox.	0.14ft <sup>3</sup> aprox.	0.14ft <sup>3</sup> aprox.
Delivered for shipping	Pre-assembled sections of 4 x 4 ft	Pre-assembled sections of 3.7 x 3.7 ft	Pre-assembled sections of 3.7 x 3.7 ft
Chemical resistance	Water, salt, fuel, oils, alcohol, acids, and acid rain		
Environmentally friendly	No toxic, does not damage animals or plants neither contaminates water		
Assembly speed	1070ft <sup>2</sup> per man hour		



# Gravalock Premium

High permeability that helps with the recovery of aquifers.



## ✓ Other benefits of **Gravalock Premium**:

- Allows water filtration that helps aquifers to recover.
- Can be cutted with circular saw to give edges any irregular shape due to the terrain.
- Easy and fast installation.
- Contributes with the planet using 100% recycled materials reducing carbon footprint and global warming.

## ? FAQ'S about **Gravalock Premium**:

### Can it be installed over slopes?

The system allows grids to be installes over terrain with slopes up to 8°.

### Which tools are needed for installing?

Soil compaction can be made with tamper or road roller. You can install **Gravalock** grids manually but you may need a manual or circular saw to trim edges on irregular designs. Careful planning is recommended before placing grids, otherwise a rubber hammer will be required to release grids.

### Which is the maximum speed to drive with the system?

**Gravalock Premium** has been designed for roads with a speed limit up to 25mph.

### Once the system has been placed, does it need hard maintenance?

**Gravalock Premium** system practically does not need any maintenance. It can be necessary to refill the grids periodically to keep the gravel level right to the upper edge of the grids to ensure the useful life and proper operation. The frequency will depend on soil characteristics and use.

### IMPORTANT:

An improper use of this product or an installation out of specification will cancel any warranty.



**Gravalock**<sup>®</sup>  
permeable flooring

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