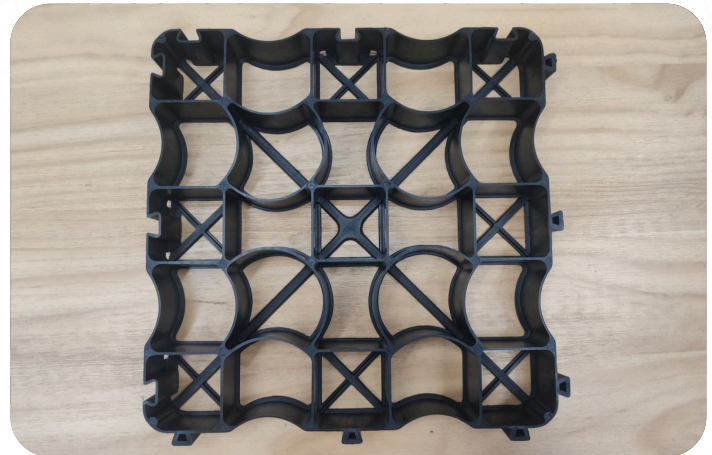




Product Specification Sheet

PaveCore is a sustainable, durable, and easy-to-install plastic paver system that's perfect for outdoor projects. Its interlocking design provides exceptional strength and stability, making it a top choice for reinforcing surfaces.

- **Size:** 333 x 333 x 50mm
- **Material:** High Quality HDPE
- **Weight:** 680g/pc
- **Packing:** 9pcs/bundle
- **Mfg. Warranty:** 10 years
- **Connection type:** Integral T connector and slots
- **Color:** Black
- **Surface Finish:** Gravel or Grass
- **Compressive strength**
 - *max. load/unit: 360 psi (empty), 60,840 lbs*
 - 580 psi (topsoil), 98,020 lbs* 810 psi (gravel), 136,900 lbs*

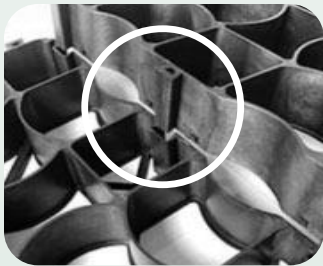


- ✓ Ammonia resistant
- ✓ Withstands frost and UV light
- ✓ Environmentally-friendly
- ✓ UV Protected
- ✓ Non-Slip
- ✓ Crack Proof
- ✓ Safety Interlocking System

Installation:

Secure and Compact Lock: Forms a robust mesh structure for enhanced stability.

Double Edge Reinforcement: Provides mutual support, ensuring reliability and practicality.



Subgrades & Soil Types

Depending on the subgrade's permeability, Pavcore can function as a water filtration or absorption system. In most scenarios, a surface that allows free drainage and can withstand vehicle traffic is necessary. However, if the subgrade has low permeability or is contaminated, a sealed geomembrane can be placed between the engineered base and subgrade to redirect water to a designated outlet."

| Soil classification | Coefficient of permeability (m/s) | Relative permeability | Typical CBR | LID infiltration suitability |
|----------------------|-----------------------------------|-----------------------|-------------|------------------------------|
| Well graded gravel | 10^{-5} to 10^{-3} | Pervious | 30 to 80 | Yes |
| Poorly graded gravel | 5×10^{-5} to 10^{-3} | Pervious | 20 to 60 | Yes |
| Well graded sand | 5×10^{-6} to 10^{-4} | Pervious | 10 to 40 | Yes |
| Poorly graded sand | 5×10^{-7} to 10^{-6} | Semi Pervious | 10 to 40 | Yes |
| Sandy clay | 10^{-9} to 10^{-6} | Pervious | 5 to 20 | No |
| Silty clay | 10^{-9} to 10^{-8} | Pervious | 3 to 6 | No |
| Heavy clay | 10^{-10} to 10^{-8} | Pervious | 2 to 5 | No |