

Why Permeable Pavers & Permeable Concrete?



Permeable pavers and permeable concrete provides a solid ground surface, strong enough to take heavy loads, like large vehicles, while at the same time they allow water to filter through the surface and reach the underlying soils. Permeable pavers are also ideal for patios, sidewalks, and driveways. The voids in the surface of the paving allow water to drain through and into the soil beneath.

Benefits of Permeable Pavers & Permeable Concrete

- Reduces polluted runoff from rain water by as much as 100% depending on project design parameters; eliminates surface puddles and local flooding
- Reduces polluted runoff, thereby mitigating impact on surrounding surface waters, and reduces downstream flooding and stream bank erosion
- Minimizes impacts and stress on existing storm sewer systems through reduced peak discharges
- Maximizes groundwater recharge and/or storage
- Promotes street tree survival
- Reduces heat island effect and thermal loading on surrounding surface waters
- Snow melts faster on permeable pavement and drains, reducing winter ice hazards, deicing salt use, and snow removal costs
- Decreases project cost by reducing drainage and retention/detention systems
- Reduces cost of compliance with stormwater regulatory requirements
- Allows better land-used planning and more efficient use of available land for greater economic value, especially in high-density, urban areas
- Complements buildings and visually unifies streetscape; many styles and colors available

