



POROUS PAVERS:

Sustainable Solutions for Effective Water Management

AIA Course Number: ISIFPPP2F2f84 | Provides: 1.0 LU Hour / 1.0 HSW | LA/CES Registered

Flooding and stormwater runoff cause significant property damage yearly. Impervious surfaces like asphalt and concrete prevent water absorption, increasing runoff, degrading water quality, and contributing to infrastructure damage and the heat island effect.

Porous Pavers: Sustainable Solutions for Effective Water Management is an educational course on porous paving principles and selecting suitable options based on site conditions.

LEARNING OBJECTIVES

After attending this course you will be able to:

- Describe the fundamental principles behind porous paving systems, focusing on mechanics that allow water to infiltrate through the surface into groundwater sources.
- Understand the benefits of porous pavers in Low Impact Development (LID) initiatives due to their role in efficient stormwater management and mitigating urban heat island effects, among others.
- Identify and evaluate different types of porous paving systems based on key factors like long-term performance, maintenance, aesthetics and installation.
- Select the right type of porous paving for real-world applications by considering project-specific conditions like expected traffic loads and local climate.
- Specify porous pavers to comply with local stormwater management regulations (where applicable) and earn points towards green building certifications like LEED and SITES.



COURSE OUTLINE

- Define Porous Paving
- Why use Porous Paving?
- Various Applications of Porous Paving
- Different Types - By Category
 - Costs (Initial and Long Term)
 - Aesthetics
 - Functionality
 - Maintenance
 - Ease of Installation
- Assess Which Paver Works for Your Project
- Calculating LEED Points

SOAK UP THE KNOWLEDGE!

In-person or virtually, contact us to schedule the course. —————>

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