

# Marshalls plc



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## CPD Overview

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Established in the 1890s, Marshalls is the UK's leading manufacturer of natural stone and innovative concrete hard landscaping and building products, supplying the construction, home improvement and landscape markets. The company provides product ranges, design services, technical expertise, ideas and inspiration to help design or transform gardens, buildings, hard landscapes and drives for public and commercial projects.



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## Available CPD Material (19)

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### Introduction to Permeable Paving

This seminar will provide information on:

- What is SuDS?
- Why is there a need for SuDS?
- Is there any government guidance or legislation to follow?
- Adoption of CBPP
- Can SuDS and CBPP help meet the requirements of future water?
- What is CBPP and how does it work and where it can be used?
- Understanding the construction of CBPP

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Legal, regulatory and statutory compliance**  
**Places, planning and communities**

Knowledge level: General Awareness

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### Lighting the Landscape

This seminar will:

- Review the options for lighting the urban landscape
- Review regulations that must be met and guidelines from a variety of sources
- Look at the effects lamp and luminaire can have on the final scheme

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Places, planning and communities**

Knowledge level: General Awareness

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### Materials Used in Street Furniture and Exterior Lighting

This seminar reviews the options for lighting the urban landscape, from the regulations that must be met, guidelines from a variety of sources and what effects lamp and luminaire can have on the final scheme.

Relevant for urban designers and landscape architects this seminar hi-lights the legal requirements and gives some factors to consider when reviewing a lighting strategy for a project.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Places, planning and communities**

Knowledge level: General Awareness

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### The Structural Design and Detailing of Concrete Block Paved Surfaces

This seminar will provide a greater understanding of the following:

- Knowledge on the history of modular pavements
- Understanding the mechanics of modular pavements
- Understanding the function of structural layers
- Understanding current guidance documents
- Traffic loading and design considerations (design example)
- Understanding the importance of correct design and detailing
- Understanding the construction of modular pavements
- Examples of how design awareness can be cost effective

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Places, planning and communities**

Knowledge level: General Awareness

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### Unlocking the Design Potential of Canopies and Walkways

The seminar aims to explain the opportunities afforded to designers through an understanding of the materials and manufacturing aspects of canopy and walkway construction.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Counter-Terrorism Design: An Introduction to Hostile Vehicle Mitigation and BSI PAS 68

Following events in recent years, the threat of international terrorism has risen to unprecedented levels

- A key element of the government's strategy to reduce these threats is to strengthen the UK's physical protection against vehicle-borne attacks, through encouraging the early adoption of counter-terrorism principles in design and planning process
- This seminar highlights the threats and potential solutions, focusing on hostile vehicle mitigation and the PAS 68 impact testing standard for vehicle security barriers
- Highlights the key considerations in counter-terrorism design and how protective measures can be incorporated into landscapes without compromising design quality

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Legal, regulatory and statutory compliance**  
**Places, planning and communities**

Knowledge level: General Awareness

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### An Approach to Sustainable Columns



Illustrates the use of timber as a sustainable material as opposed to the normal choice of aluminium.

- The whole life cycle rather than solely the carbon footprint of the different materials it illustrates that a viable option is to use Scandinavian Pine heartwood. This natural timber, grown as a sustainable crop, can be considered as a technical ecologically sound material which when coupled with simple maintenance offers a minimum 25 year life.
- Using examples coupled with some simple environmental measures this CPD illustrates the pertinent points; specific environmental factors can be calculated should the client wish.

Material type: Seminar

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### An Introduction to the Design and Installation of Modular Pavements



A clear introduction into the various methods of creating hard paved spaces, using modular paving materials.

- The importance of correct design and detail appropriate to the pavements intended use and classifies the design and installation code of practice standard, for each modular paving material.
- Examines the different methods of installing modular pavements ranging from traditional methods to innovate automated solutions.
- Provides a broad spectrum of on-site best practice techniques to achieve a high standard for installation.
- Reviews various laying pattern configurations to compliment different applications.

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Places, planning and communities**

Knowledge level: General Awareness

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### An Introduction to Linear Drainage Systems



This seminar will cover:

- What is linear drainage?
- Why linear drainage?
- Introduction to commonly used systems
- Design principles, examples and general guidelines
- Relevant standards
- Maintenance

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Designing for Mobility: Tactile Paving Surfaces

This seminar will cover:

- Equality Act
- Defining disability
- Current guidance
- Tactile finishes
- Other tactile requirements
- Design challenges and solutions

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology  
Inclusive environments

Knowledge level: General Awareness

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### Designing for Mobility; Street Furniture, Lighting and Signage

During the design or specification of landscape elements for the urban realm, consideration must be given to the needs of all those who might use the space. Successful landscapes are both accessible and inclusive, and encourage use by all, no matter what their individual needs.

The seminar discusses the legislative background to the provision of products that will encourage and support mobility, both in terms of product design and installation. Covering the practical details to be considered across a range of street furniture, signage and exterior lighting.

Material type: Seminar

RIBA Core Curriculum: Design, construction and technology  
Inclusive environments  
Legal, regulatory and statutory compliance  
Places, planning and communities

Knowledge level: General Awareness

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Multiple formats

### Online Blogs

Blogs cover a wide range of topics including urbanism, urban design, materials, exterior lighting, architectural lighting, sustainability, landscape architecture, smart cities etc  
Material can be viewed at <http://www.woodhouse.co.uk/knowledge>

Material type: Online Learning, Other

RIBA Core Curriculum: Design, construction and technology  
Places, planning and communities  
Sustainable architecture

Knowledge level: General Awareness

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### Lighting the Landscape Part 1

This seminar will help you:

- Be aware of basic lighting concepts
- Be more aware of how lighting is designed
- Understand how architecture can be lit
- Develop an understanding of types of lighting and the effects that can be achieved

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Lighting the Landscape Part 2

This seminar will help you

- Understand how white light is composed of colours
- Be aware of different light sources and their merits
- Understand in more detail how lighting design is performed
- Appreciate in more detail how lighting effects can be achieved

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Lighting the Landscape Part 3

This CPD will help you:

- Understand how LEDs work
- Be aware of the features and benefits of LEDs
- Understand how LEDs are controlled and the possibilities for new luminaire design
- Appreciate in more detail how LEDs can be used to enhance the night time environment

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

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### Creating Safer Spaces

Delve into the insights of our white paper which outline seven key design considerations to help improve public safety. Perfect for anyone involved in the design and build of any public realm scheme. Get an understanding of different societal demographics and how this impacts their feelings of safety in several types of public realm at different times of the day, and what measures they take to improve their safety.

By the end of the CPD you should have a greater understanding of:

- The insights within the Creating Safer Spaces survey and how this impacts their feelings of safety in several types of public realm at different times of the day.
- How the seven pillars of design considerations impact perceptions of public safety.
- How people change their behaviour when out in public spaces.

Material type:

Online Learning

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### EPDs and How To Read Them

In this CPD, we provide a comprehensive overview of EPDs, including how to interpret them, insights into product life cycle calculations, and practical examples for comparing EPD data.

By the end of the CPD you should have a greater understanding of:

- Ability to read an EPD and interpret the EPD data.
- The product life cycle calculations which are included within the EPDs.
- How to make like for like comparisons of the environmental properties of products.

Material type:

Online Learning

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### SuDS and Permeable Paving

Looking at the importance of sustainable drainage within modern developments and the part that permeable pavements can play within these systems. Providing a detailed overview of the concept of how permeable paving works, how to design a permeable pavement and dispelling some common misconceptions.

By the end of the CPD you should have a greater understanding of:

- Detailed overview of the concept of how permeable paving works.
- How to design a permeable pavement.
- Common misconceptions of the system.
- The importance of sustainable drainage with modern developments and the part that permeable pavements can play with these systems.
- Details regarding legislation and industry guidance.

Material type:

Online Learning

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### Inclusive Mobility and Tactile Paving

In this CPD you'll discover the different types of tactile paving that are employed within the UK; understand why they are placed within the external environment, what functions they serve and the design rationale of inclusivity that underpins their specification.

By the end of the CPD you should have a greater understanding of:

- The different types of tactile paving installed within the UK.
- Why tactile paving is used in external environments and the functions it serves and the compliance of their design.
- The standards, codes of practice and legislation that informs designing for an accessible and inclusive environment.

Material type:

Online Learning

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## Classifications

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### Subject/Product Areas (CI/SfB)

#### Substructure

Foundations, retaining walls > Foundations, retaining walls

Ground works > Land drains, culverts

#### Services

Drainage > Channels, gullies and gratings

#### External works

Landscaping, hard surfaces, pools > Paving

External lighting > External lighting

Outdoor fittings > Street and park furniture

Outdoor fittings > Road signs

Landscaping, hard surfaces, pools > Kerbs, edgings, tree grilles

#### Engineering

Communications, security, safety and protection systems > Access control systems

### RIBA Core Curriculum areas

#### Design, construction and technology

Knowledge level: *General Awareness*

#### Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

#### Places, planning and communities

Knowledge level: *General Awareness*

#### Inclusive environments

Knowledge level: *General Awareness*

#### Sustainable architecture

Knowledge level: *General Awareness*