

# Quantum Flooring Solutions, a trading name of Quantum Profile Systems Ltd



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## CPD Overview

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Quantum Flooring Solutions is the leading independent stair nosing and accessories manufacturer in the UK, with over 50 years of experience. It supplies a complete range of stair nosings, entrance mattings, flooring accessories and transitions. These can be used in conjunction with all types of floorcoverings, whether contract or domestic.

Based in Oldham in Lancashire, the company manufactures and supplies its products for use throughout the UK and Worldwide. Safety is of paramount concern, with Quantum products offering complete solutions that minimise risk to the end user.

In the UK, supplies of stair nosing profiles and entrance matting are supported by the unique Quantum Flooring Measure Service. Rapid and accurate step measurements are transmitted electronically to the flooring contractor as part of a responsive service package, saving time and money for the floor-fitter.

As part of its commitment to protect the environment and improve the manufacturing process Quantum Flooring Solutions is ISO14001 and ISO9001 accredited. A Carbon Reduction Roadmap is also available, outlining the company's sustainable practices.

## Stair nosing

### Q-Range Stair Nosing

The Q-Range offers a selection of 39 special profiles. This unique Stair Nosing design is suitable for installation in all categories of public and commercial buildings. The Quantum Flooring Solutions patented all-over tread, which provides a slip resistant surface from the nose to the back

edge, gives the benefit of extra safety when ascending or descending stairs. The satin etched aluminium riser surface provides the double benefit of being scratch resistant and also inhibits the potential for 'glare', which is one of the requirements of the latest BS 8300-2:2018 and Building Regulations\* guidelines applicable to stairs in areas of Public Access

### S-Range Stair Nosing

Durable aluminium Stair Nosings designed for use in a wide range of commercial and industrial applications where slim gauge floorcoverings such as vinyl or lino are specified. Options of lipped and ramped back edge profiles are safety features which reduce the risk of tripping – useful in educational and healthcare locations.

### H-Range Stair Nosing

Offering a thicker gauge than the S-Range, the H-Range of Stair Nosings is available with durable aluminium carrier channel options. They can be used in most commercial applications including offices, retail, leisure, education and healthcare. Their thicker gauge enables them to be fitted with a wide variety of textured floorcoverings, such as carpet and carpet tiles from most leading manufacturers.

### Z-Range Stair Nosing

This special range of aluminium Stair Nosings comprises a selection of popular cost-effective profiles for a wide range of commercial applications including offices, retail, leisure, education and healthcare. This range has been developed to respond to the demand for a best value solution for a competitive market place. Available with the full choice of tread colours.

### QFSN Range

This selection of flexible PVC profiles can be used when a quick and/or temporary fitting of a Stair Nosing is required. They are supplied preboxed and are easily cut and trimmed on-site where they can be fitted without waiting for fully cut and drilled measured Stair Nosings. They can also be curved around gentle radii without templating, and are priced to give good value. However, they do not have the durability of the more rigid aluminium or uPVC based Stair Nosings, and are best used in light trafficked conditions, or for short term applications. When used in light foot trafficked conditions, selected flexible PVC Stair Nosings can also offer Building Regulation best practice solutions.

### EcoGlo Tread

The Ecoglo tread material option offers an innovative solution to stair safety. In areas of reduced light, Ecoglo tread will illuminate the step edge using a unique photoluminescent material. The photoluminescent strip is combined with a silicon carbide band to increase slip resistance.

The photoluminescent strip can be charged by both natural and artificial light so is suitable for both internal and external installations. See p.37 for photoluminescent charging times. More information is available at: [quantumflooring.co.uk](http://quantumflooring.co.uk) search for 'Ecoglo'.

## Flooring Accessories

### Capping strips & cove former

These profiles are used in conjunction with each other to allow for the floorcovering to be continued up the wall for a neat and clean finish in wet and sanitised areas. The Cove Former is installed at the junction between the wall and the floor. This creates a hidden curved support for the floorcovering as it is formed over the junction and up the wall. A Capping Strip is installed where the floorcovering ends, providing a neat and sealed finish to the installation. Capping Strips are available in flexible PVC, rigid uPVC and also aluminium, enabling them to be fitted with a wide range of floorcovering gauges. They are available in a number of colours to complement floorcovering colour options.

Combined Cove–Capping profiles (CCF1 & CCF2) offer good value options for commonly specified finishes.

### Sit-On Skirting

Installed on top of the flooring, this range of flexible skirtings offers easy to fit options to cover the join between wall and floor. Generally Sit-On Skirtings are used with hard floorcoverings such as vinyl and lino, and typical application areas include schools and public buildings. They are available in a number of different sizes and colours

The Q60 SOC and Q100 SOC profiles are supplied in 32 m coils which enable on-site trimming and a reduction in the number of joins along a corridor length.

### Set-In Skirting

Set-In Skirtings also cover up the join between floor and wall, but have the additional feature of being welded to the vinyl or lino







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## Available CPD Material (4)

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### Detailing Floor Finishes - Specification and Detailing Essentials for Stairs, Ramps and Transitions in Floor Finishes

The seminar objective is to develop an understanding on how to finish floorcoverings at critical junctions. It extends to cover many internal finish junctions: on stairs, at wall junctions and at door and other junctions/transitions. Understanding the legislative and regulatory framework and correctly specifying flooring accessories to ensure successful and compliant installations. Over three sections, the presentation will highlight the issues involved, background from health, safety and long-term maintenance perspective, the relevant Approved Documents and standards, and how to create appropriate details.

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Inclusive environments Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

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### Step on It: Specification of Entrance Matting

This CPD looks at the guidelines for the specification of a safe stairway. The presentation and discussion deals with the subject of how to make commercial, public or shared stairways safe and meet all current building regulation guidelines. The CPD includes:

- What stair nosings are designed to achieve and how to select the right one
- Key Legislation and Industry Standards around stairway design
- How recent BS, BRE and Equality Act (formerly DDA) guidelines affect specifications
- Environmental and Health and Safety considerations
- Examples of best practice with specification examples

This CPD can be delivered to you live and remotely.

The seminar lasts 40-60 minutes. All seminars are part of the RIBA core curriculum syllabus and earn double CPD points for those attending the seminars. To book a CPD seminar call 0161 627 4222, email [info@quantumflooring.co.uk](mailto:info@quantumflooring.co.uk) or visit [www.quantumflooring.co.uk](http://www.quantumflooring.co.uk)

Material type:	Online Learning, Seminar
RIBA Core Curriculum:	Design, construction and technology Health, safety and wellbeing Legal, regulatory and statutory compliance
Knowledge level:	General Awareness

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### Step on it! How Stair Nosings Help to make Stairways Safe & BRE Compliant

A Powerpoint presentation and discussion dealing with the subject of making commercial stairways safe and BRE/DDA compliant. The CPD presentation includes:

- What stair nosings are designed to achieve and how to select the right one.
- How recent BRE and DDA guidelines affect the choices for specifiers.
- The unique Quantum step measuring system QSMS - which speeds up handover processes.
- Environmental and Health and Safety considerations applicable to the manufacture, installation and maintenance of stair nosings.

Handouts include reference links to further information and the seminar lasts 45-60 minutes including time for a Q and A session.

Material type:

Online Learning, Seminar

RIBA Core Curriculum:

Health, safety and wellbeing  
Inclusive environments  
Legal, regulatory and statutory compliance

Knowledge level:

General Awareness

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### A Good Value Visit: An Introduction to the Principles of LEAN

Factory visit to demonstrate the LEAN principles of minimising waste in every process in order to add value to products and services. The visit to this floor trim and accessories facility will cover:

- The basic principles behind LEAN manufacturing
- How these principles can be applied to product design
- How LEAN processes can enhance value in production
- How attendees companies could apply LEAN principles

Material type:

Factory Visit

RIBA Core Curriculum:

Design, construction and technology  
Sustainable architecture

Knowledge level:

General Awareness

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## Classifications

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

#### Finishes

Stair finishes > Stair treads and inserts

Stair finishes > Stair nosings and inserts

Stair finishes > Stair trims, carpet grippers, rods

Floor finishes: flexible sheets, including rubber, plastics > Sheet and tile flooring

Floor finishes: finishes, accessories > Floor fixings and trims

#### Fittings

Circulation fittings, signs, etc. > Entrance mats, accessories

### RIBA Core Curriculum areas

#### Inclusive environments

Knowledge level: *General Awareness*

#### Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

#### Design, construction and technology

Knowledge level: *General Awareness*

#### Health, safety and wellbeing

Knowledge level: *General Awareness*

#### Sustainable architecture

Knowledge level: *General Awareness*