



EXTERNAL STAIR NOSING SOLUTIONS

2021

SOLUTION GUIDE

BS8300-2:2018 – STAIR NOSINGS REQUIREMENTS ON EXTERNAL STAIRCASES

10.1.4 IDENTIFICATION AND SLIP RESISTANCE OF NOSINGS

Each step nosing should incorporate a durable, permanently contrasting continuous material for the full width of the stair on both the tread and the riser to help people who are blind or partially sighted appreciate the extent of the stair and identify individual treads. The contrasting material should extend 50 mm to 65 mm in width from the front edge of the tread and 30 mm to 55 mm from the top of the riser, and should contrast visually with the remainder of the tread and riser.

NOTE 1

Particular care is needed to ensure that there is **adequate contrast between nosings and landings**.

NOTE 2

Nosing that wraps around the riser might assist people who are blind or partially sighted.

NOTE 3

A proprietary nosing can provide a durable solution that satisfies both visual contrast and slip resistance criteria (see BRE IP 15/03 [24]). The whole tread or the nosing should incorporate a slip-resistant material.

NOTE 4

Guidance on slip resistance of surfaces is given in Annex C. Surface material tread and risers should be free from patterning.

NOTE 5

It is beneficial that surface material at landings and floors contrasts with surface material of stairs, subject to maintaining visual contrast at top and bottom nosings.

(BS8300-2:2018, p39)

C.4 STEP NOSINGS

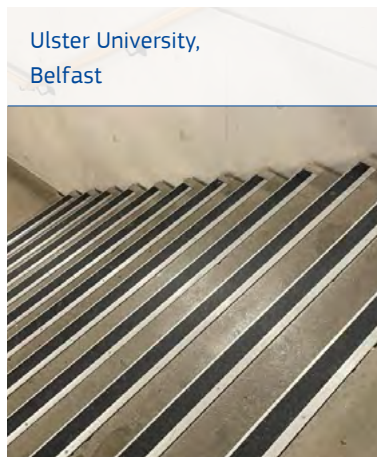
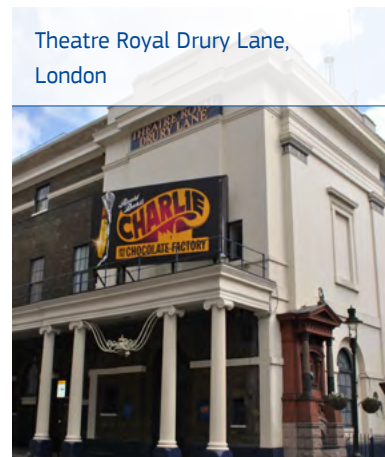
Where slip resistance is required for nosings and treads, the slip resistance needs to be equivalent to that expected for level surfaces. **A PTV greater than 36 is considered to be suitable**, as pushing and turning are unlikely on stairs. On existing nosings, the slip resistance of step nosings are generally expressed by their Rz roughness value as PTV is difficult to measure. In such cases a roughness Rz value of 20 µm is considered to be suitable.

(BS8300-2:2018, p180)

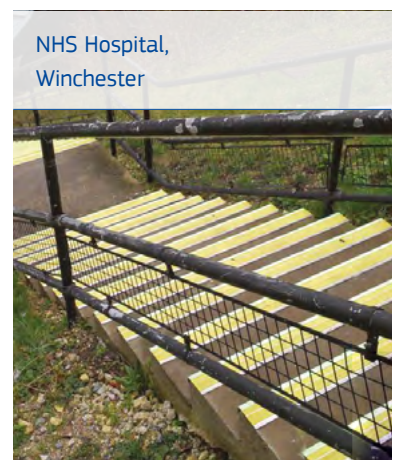
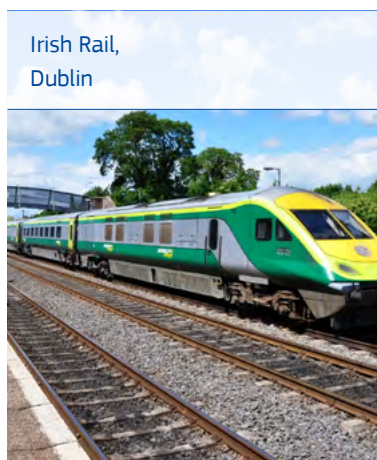
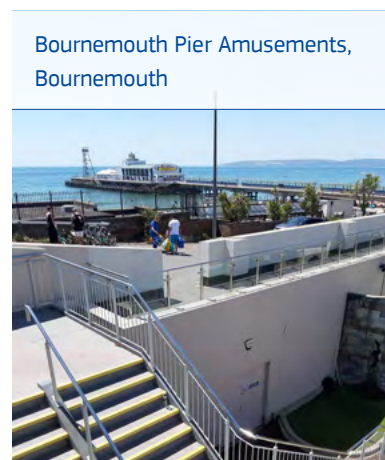
SECTOR KNOWLEDGE

Below are a few projects that Quantum Flooring Solutions products have been used in over recent years. To see the complete range of flooring accessory products visit quantumflooring.co.uk.

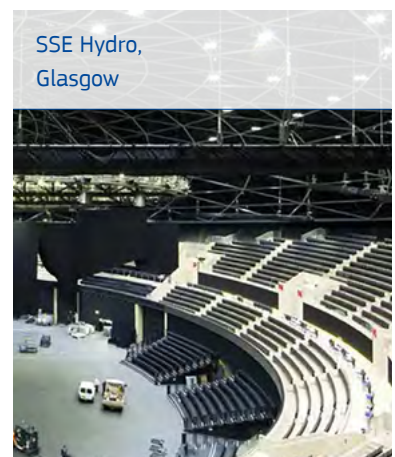
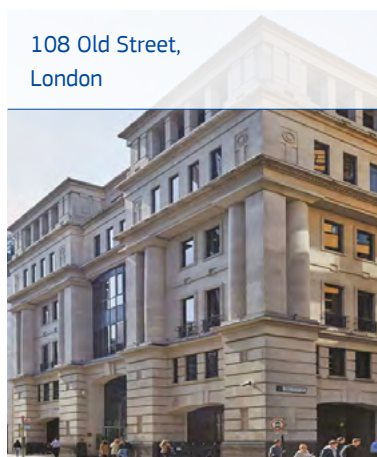
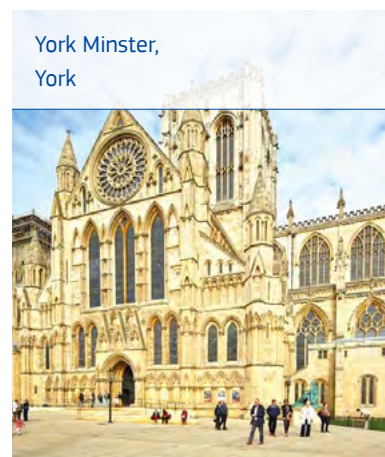
EXTERNAL RECESSED STAIR NOSINGS – NORMALLY NEW BUILD



EXTERNAL SURFACE MOUNTED STAIR NOSINGS – NORMALLY RETRO FIT



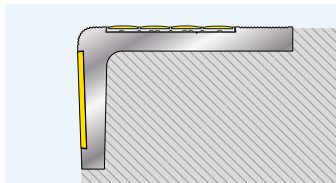
EXTERNAL RECESSED TREADSTEPS – EITHER NEW BUILD OR RETRO FIT



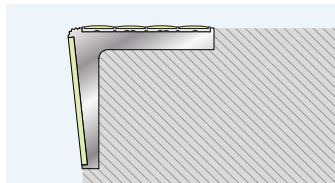
PRODUCTS

RECESSED STAIR NOSINGS

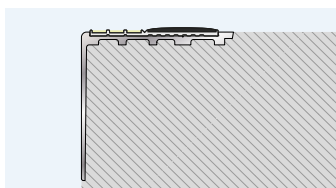
External Recessed Stair Nosings (normally new build)



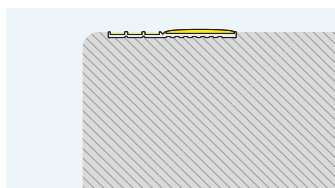
Stair Nosing: HPN1 / Tread: EcoGlo
Fitting: Q-FIX + screws – recessed



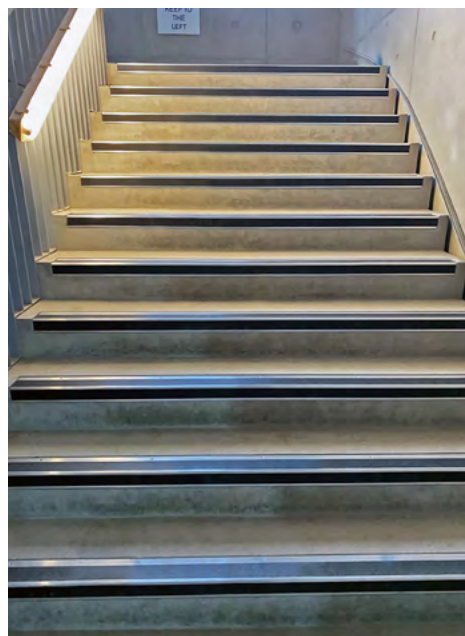
Stair Nosing: HPN2 / Tread: EcoGlo
Fitting: Q-FIX + screws – recessed



Stair Nosing: HF153 / Tread: EcoGlo
Fitting: Q-FIX + screws – recessed



Tread only: EcoGlo
Fitting: Q-FIX + screws – recessed



BENEFITS:

- » Extremely heavy duty
- » Cost effective, compared to alternative recessed products
- » Perfect for stadiums, infrastructure, and transport

ECOGLO TREAD
SLIP RESISTANCE
(PTV VALUES) =

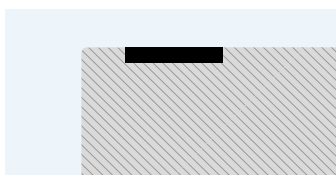
≥70 Dry
≥66 Wet

ECOGLO
TREAD

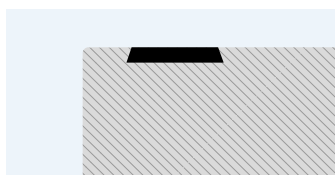
Black
Yellow
Photo*

RECESSED STAIR NOSINGS

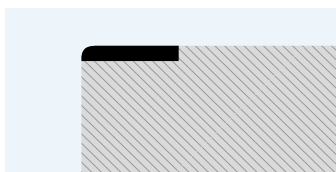
Specialist External Treadsteps



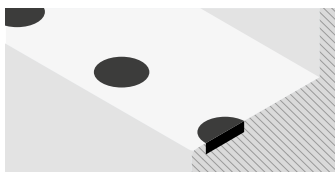
Treadstep: LL / Fitting: Q-FIX



Treadstep: SS / Fitting: Q-FIX



Treadstep: BB / Fitting: Q-FIX



Treadstep: DC / Fitting: Q-FIX

BENEFITS:

- » Anti-slip – reducing risks of slips and falls
- » Design – unobtrusive and aesthetically pleasing, no aluminium stair nosing required
- » Versatile – suitable for internal or external use, available any width 9–295 mm, flexible
- » Easy to clean – slip resistant surface that is easy to clean
- » Fast delivery – readily available for rapid delivery

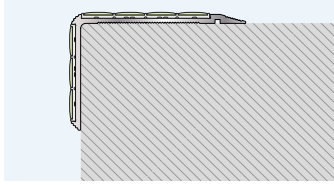


TREADSTEPS
Black
Grey
White

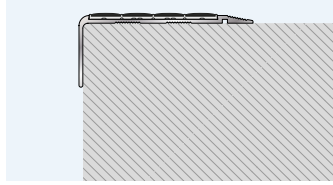
PRODUCTS

SURFACE MOUNTED STAIR NOSINGS

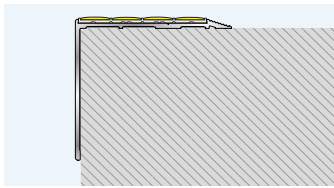
External Surface Mounted Stair Nosings (normally retro fit)



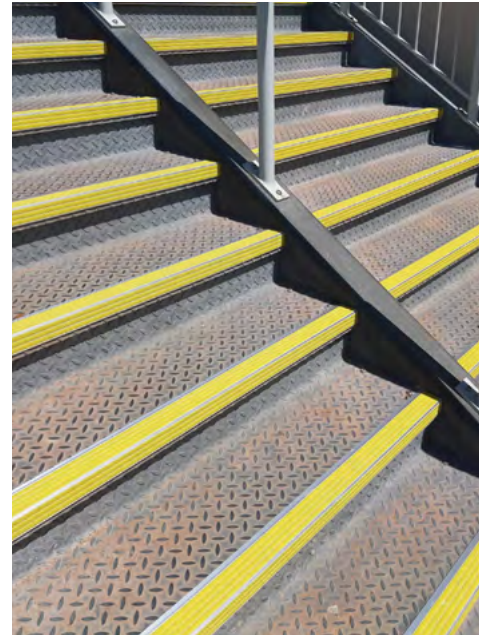
Stair Nosing: SF160R / Tread: EcoGlo
Fitting: Q-FIX + screws
– surface mounted



Stair Nosing: SF125R / Tread: EcoGlo
Fitting: Q-FIX + screws
– surface mounted



Stair Nosing: ZF153R / Tread: EcoGlo
Fitting: Q-FIX + screws
– surface mounted



BENEFITS:

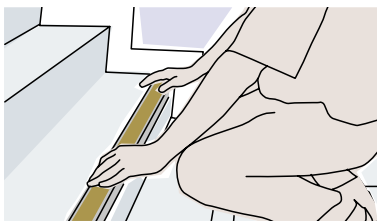
- » Great solution for existing stairways
- » Versatile – surface mounted on all existing step material types
- » Fast delivery - readily available for rapid delivery

ECOGLO TREAD
SLIP RESISTANCE
(PTV VALUES) = ≥70 Dry
≥66 Wet

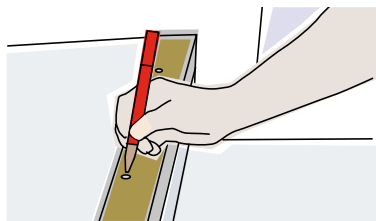
ECOGLO
TREAD

Black
Yellow
Photo*

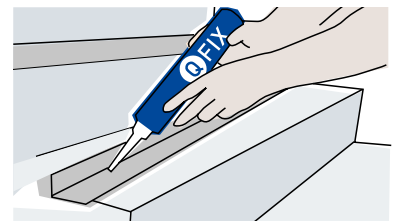
FITTING



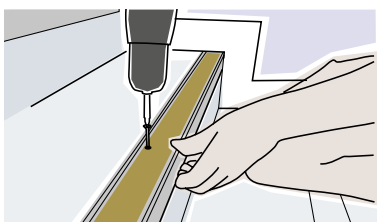
1. When on-site, check step measurements with cut Stair Nosing supplied. Trim if required. Prepare step edge surfaces. They must be clean, smooth and clear of debris.



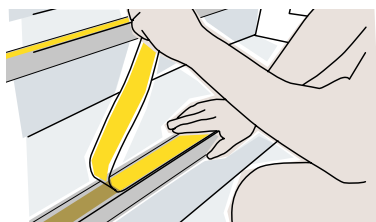
2. For stone or concrete steps use stair nosings as template and mark screw locations on each tread. Drill and plug screw holes.



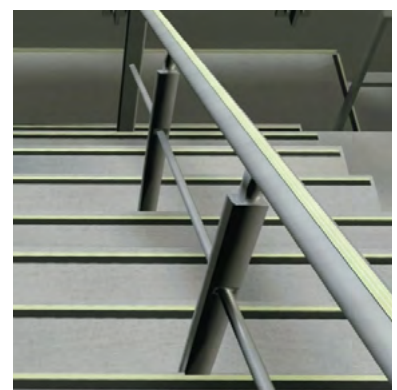
3. Apply Q-FIX adhesive to Stair Nosing (2.5mm beads of adhesive)



4. Starting with the first Stair Nosing on the top step, press down and screw into position, then continue down the stairs. (1" no. 6 screws recommended).



5. Apply tread and use a roller to secure tread in to stair nosing .



SERVICES

Quantum Flooring products have industry-leading guarantees, so you know your installation will last. They are also recyclable.



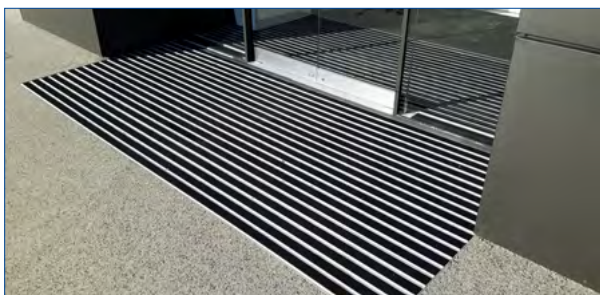
SITE SURVEY VISITS:

Need help on site? Arrange a site survey with Quantum Flooring for free.



MEASURE & CUTS SERVICE:

Available for all Quantum Flooring Stair Nosings and Entrance Matting.



SUPPLY & FIT SERVICE:

Available for all Quantum Flooring Entrance Matting.



TECHNICAL PRODUCT DATA SHEETS:

All products have both product data sheets and safety data sheets available, easily accessible via quantumflooring.co.uk.



TECHNICAL ADVICE:

A dedicated technical support email is available:
technical@quantum-ps.co.uk.



10-YEAR PRODUCT WARRANTIES:

For extra peace of mind Quantum Flooring offer 10 year project product warranties – subject to project registration.

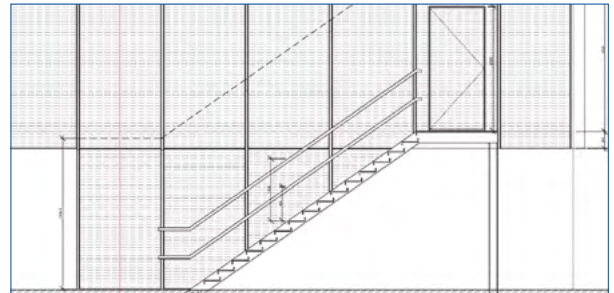
SUPPORT

Quantum Flooring offer industry leading support, so you know you'll be able to get the correct product and information for your project. Quantum Flooring products help to meet Building Regulations, create safe environments and reduce the risk of slips, trips and falls.



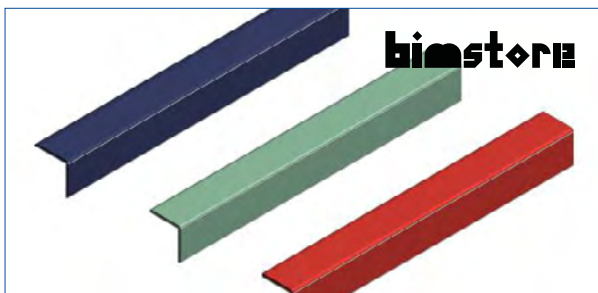
CPD:

Learn how to correctly specify safe stairs and safe entrances with market-leading RIBA CPDs.



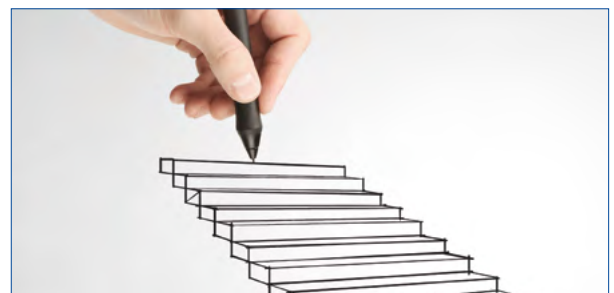
SPECIFICATION DETAILS:

All products can be specified through both NBS Source & SpecifiedBy.



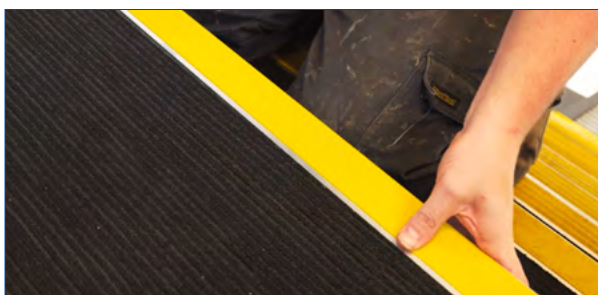
BIM OBJECTS:

A range of Quantum Flooring Solutions' products have BIM objects that can be found in both the National BIM Library & BIMStore.



SPECIFICATION SUPPORT:

Quantum Flooring is a one stop shop for all contract flooring accessories.



INSTALLATION & CLEANING GUIDES:

Both PDF and video fitting and cleaning guides are available for all Quantum Flooring products, meaning contractors can access step by step fitting guides and quickly watch fitting and cleaning videos.

NEXT STEPS:

Visit quantumflooring.co.uk or
call **+44 (0) 161 627 4222**

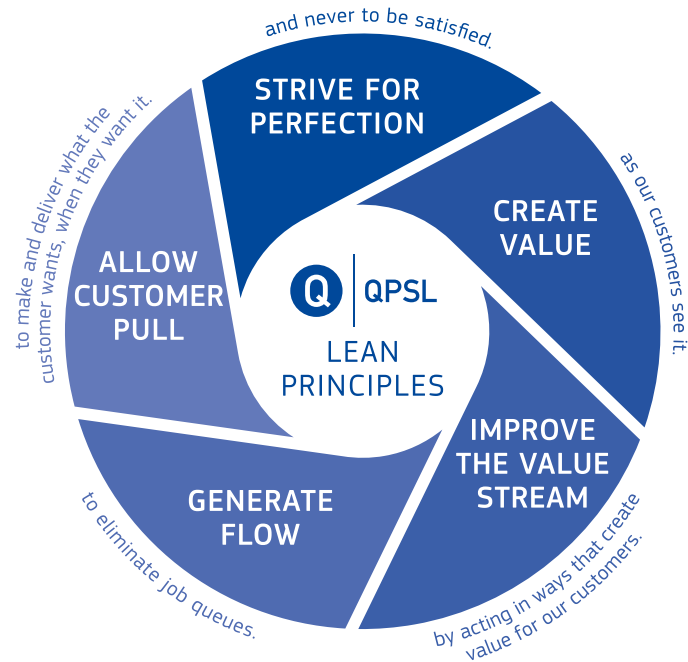
for more information and product
selection support.

STAIR NOSINGS

ACCESSORIES

TRANSITIONS & ENTRANCE MATTING

QUANTUM
FLOORINGSOLUTIONS



FOR SALES & TECHNICAL SUPPORT CALL:

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Q wood
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Q LEANSOLUTIONS
INNOVATIVE PROFILE SUPPLY

PART OF



QPSL

LEAN, GREEN, SAFE & CLEAN

At QPSL we strive for continuous improvement in our environmental, health and safety management systems and in the environmental quality of our products, processes and services.

Details correct at time of publication but please visit the website for the latest product information.