

Stair Nosing Inserts

Colour range, light reflectance values (LRV) & technical specification

Our non-slip insert range is machined into The Floor Gallery solid-wood stair nosings, in straight-drop or bullnose profiles, giving a continuous non-slip band across each step edge. Three insert types are available. A light reflectance value (LRV) is published for every colour to support visual-contrast decisions under Approved Document M and BS 8300-2:2018. All inserts are supplied as a single or double band (S/D); 120H Hazard and 80 Mill are single only.

Standard insert — smooth PVC · R11 · 3.4 mm · 38 / 50 mm · PTV 66 dry / 54 wet

Code	Colour	LRV	Availability
01	White	79.9	S / D
16	Black	4.5	S / D
20	Brown	9.1	S / D
25	Beige	41.1	S / D
27	Canvas	53.2	S / D
30	Red	10.6	S / D
43	Dolphin Grey	27.6	S / D
44	Ice Grey	42.1	S / D
46	Midnight Grey	12.8	S / D
47	Yellow	55.7	S / D
48	Cobalt Blue	9.2	S / D
58	Cloud	59.0	S / D
68	Haze	66.2	S / D
78	Sand	70.3	S / D
120H	Hazard	32.8	S only

Pyramid insert — textured PVC / silica quartz · R11 · 3.5 mm · 38 / 50 mm · PTV 57 dry / 47 wet

Code	Colour	LRV	Availability
601	White	49.9	S / D
616	Black	4.6	S / D
621	Safety Blue	10.8	S / D
643	Dolphin Grey	11.5	S / D
647	Yellow	48.1	S / D

Ribbed insert — NIA50 · 50 mm only · 3.5 mm

Code	Colour	LRV	Availability
80	Mill	78.9	S only

Slip resistance — Ramp test DIN 51130:2010 (average of six shod results, corrected); Pendulum test BS 7976-2:2002 (PTV average). Standard: ramp 22.9, R11, PTV 66 dry / 54 wet. Pyramid: ramp 24.7, R11, PTV 57 dry / 47 wet. HSE/UKSRG: PTV 0–24 high, 25–35 moderate, 36+ low slip potential.

Materials — Standard: REACH-compliant flexible PVC extrusion for non-scuff nosing applications. Pyramid: PVC, silica quartz and polymeric plasticiser (meets BS 3261:1973); resistant to UV, oil, grease, petrol, salt, dilute acids/alkalis and household chemicals; PU coating reduces dirt retention. Ribbed: fine-ribbed mill finish for high LRV / strong contrast against darker timbers.

Technical (pyramid) — residual indentation mean 0.05 mm; dimensional stability 0.12%; moisture movement 0.02%; tensile 2.48 mJ/m³; heat ageing: no exudation, no colour change; wear (Taber, 1 kg, 1000 rev, H18) 0.6 g loss; flame spread 0; smoke development 7; mean critical radiant flux 10.3 kW/m² (AS/ISO 9239.1); mean smoke development rate 85%·min.

Profiles & maintenance — inserts sit flush with the tread in both straight-drop (square front edge) and bullnose (radiused front edge) solid-wood profiles, single or double. Clean with neutral detergent, rinse and dry before foot traffic.

LRV values are measured on the insert material and published to assist visual-contrast decisions; Approved Document M and BS 8300-2:2018 commonly reference a 30-point LRV difference between a nosing and the adjoining tread and riser. Printed swatches are indicative — request a physical sample before final specification. Data given in good faith, subject to manufacturing tolerance.