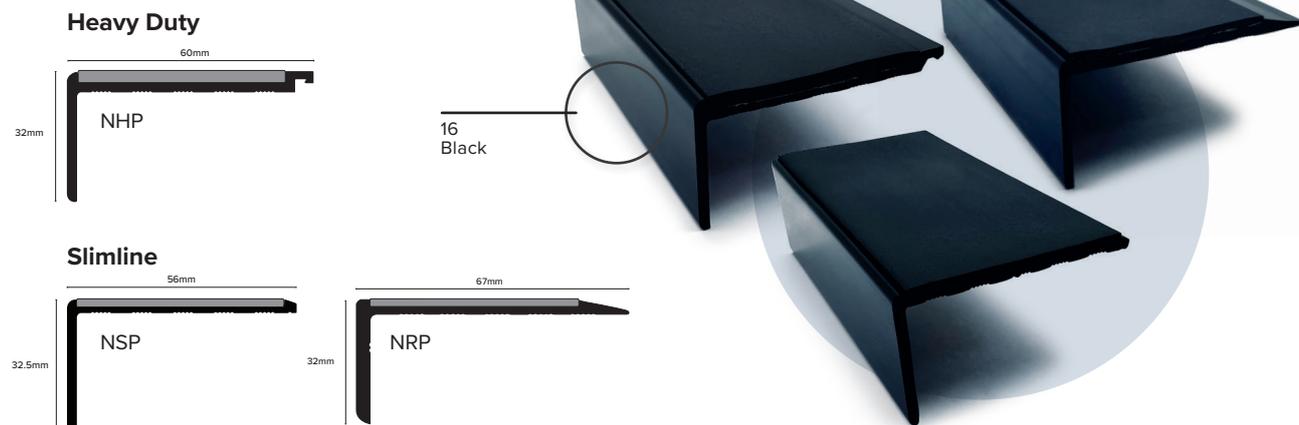


NHP / NSP / NRP



Product Description

The profile is designed to be used in most commercial and domestic applications, the rear of the profile tapers to 3mm offering greater installation opportunities. A wide variety of PVC coloured inserts and channel options (on request) to offer numerous colour combinations.

Technical Details

Not recommended for use above 60°C, resistant to most oils, alcohols, petrol's and fats. It is unsuitable for use in contact with aromatic and chlorinated hydrocarbons, ketones, nitro-compounds, esters and cyclic esters will cause some swelling.

Dimensions

Stock Lengths of 3.22m.

Maintenance

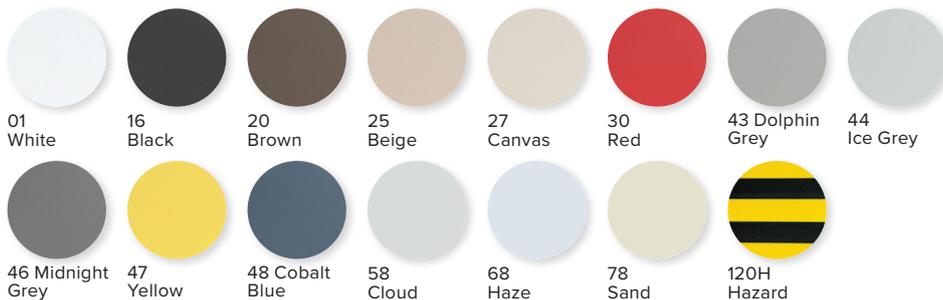
Inserts: All inserts should be cleaned using a neutral detergent and thoroughly rinsed with clean water. Ensure all inserts are dry prior to receiving foot traffic.

Installation

1. Ensure the steps are dry, clean, free of debris, level and even.
2. If pre-drilled use the drill holes to mark steps for drilling location.
3. Drill and Plug the steps.
4. Apply suitable adhesive to the underside of the nosing and apply nosing to the step.
5. Screw down the step with the appropriate size screws.
6. Apply insert (if separate) or insert pip to cover the screw head.

Insert Options (see details overleaf)

Standard Insert



Tredsafe® Insert



Standard Inserts

Standard PVC Insert

A REACH compliant flexible PVC extrusion grade specifically designed for non-scurf stair nosing applications with good anti-slip properties; to our knowledge our inserts achieve the best slip resistance results in the market.

Slip Resistance

Inclined Platform Test DIN 51130:2010
 Category: R11
 Slip Resistance BS 7976-2:2002 Pendulum Test
 PTV Average Dry Value: 66
 PTV Average Wet Value: 54

Tredsafe® Insert

Tredsafe® insert is manufactured from a special blend of P.V.C., silica quartz and polymeric plasticiser giving an homogeneous hard wearing anti-slip flooring for wet and dry conditions. (Meets British Standard for Sheet Vinyl and Vinyl Tiles BS3261:1973).

Tredsafe insert is resistant to attack from ultraviolet light, oil, grease, petrol, salt, dilute acids and alkalis, common household chemicals and detergents. Organic solvents will soften Tredsafe® insert.

Tredsafe® insert is produced with a polyurethane coating which reduces dirt retention. The three dimensional pyramid pattern which provides excellent slip resistance in the wet will require more care than a smooth flooring surface. As with any flooring, regular maintenance is important to prevent excessive soiling. Cleaning is best achieved by scrubbing with a bristle brush in conjunction with warm soapy water. Commercial cleaning machines such as the "Scrub-Vac" are also suitable

Residual Indentation
 (2.5mm dial gauge) Mean 0.05mm

Dimensional Stability
 80°C for 6 hours) 0.12%

Moisture Movement
 23°C for 24 hours) 0.02%

Elastic Property
 (Tensile Strength 2.48mj/m³)

Heat Ageing
 (70°C for 15 days) Exudation None, Colour Change None

Wear Resistance - Taber Abrader
 1kg load = 1000 revs.

H18 wheel @ 60 rpm = 0.6gm Weight Loss

Flammability and Smoke Density
 Flame Spread = 0

Smoke Dev = 7

Australian Std Test: 1530.3.1982

Mean Critical radiant flux 10.3kw/m²

Mean smoke development rate 85 percentage minutes

Australian Std Test: AS/ISO 9239.1 2003

Insert	LRV	
Standard		
01 White	79.9	
16 Black	4.5	
20 Brown	9.1	
25 Beige	41.1	
27 Canvas	53.2	
30 Red	10.6	
43 Dolphin Grey	27.6	
44 Ice Grey	42.1	
46 Midnight Grey	12.8	
47 Yellow	55.7	
48 Cobalt Blue	9.2	
58 Cloud	59	
68 Haze	66.2	
78 Sand	70.3	
120H Hazard	32.8	
Tredsafe®		
601 White	49.9	
616 Black	4.6	
621 Safety Blue	10.8	
643 Dolphin Grey	11.5	
647 Yellow	48.1	
Channel		
16 Black	4.5	
Standard		
Tredsafe®		

Slip Resistance

Inclined Platform Test DIN 51130:2010
 Category: R11
 Slip Resistance BS 7976-2:2002 Pendulum Test
 PTV Average Dry 57
 PTV Average Wet 47

The UK slip resistance group recommends the following guidelines;

PTV	Slip Potential
0-24	High
25-35	Moderate
36+	Low

International testing houses consider the following guidelines;

Ramp	Slip Potential
R9	High
R10	Normal
R11	Low
R12	Very Low

Results

Insert	Inclined Platform Test DIN 51130:2010* 22.9°	Category	Pendulum Test BS 7976-2:2002#	
			Dry	Wet
Standard	22.9°	R11	66	54
Tredsafe®	24.7°	R11	57	47

*Average of Six Shod Results (Corrected). #PTV Average Value.

Potential of slipping

