



## Step Nosing Technical Data Sheet

### Key benefits

- **Enhance Safety**

This product will enhance safety on existing stairs immediately.

- **Versatile**

Our Step Nosing are manufactured in FRP, non-corrosive material. They can be retro-fitted onto stairs regardless of the surface base (steel checker plates, steel grating, concrete, wood etc.)

- **Quick**

They can be installed by anyone, in all weather conditions all year round.



### Specification

Please specify this text to secure best practice and quality:

**Product:** FRP Step Nosing

**Color:** Safety Yellow Ral 1003 (or any colour preference)

**Grit type:** Aluminium Oxide

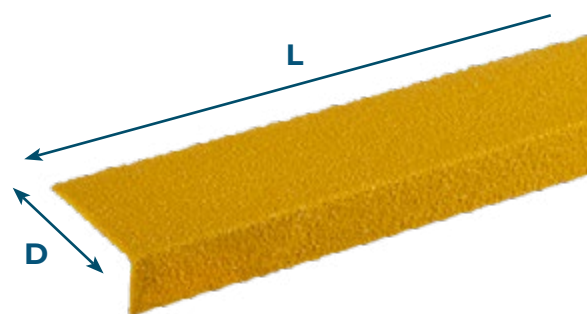
**Grit size:** mesh 10 (Extra coarse) mesh 20 (coarse)

**Length:** (see table or specify)

**Depth:** (see table or specify)

**Slip resistance:** R13

**Height of material:** 3mm



<b>Length (mm)</b>	450	600	750	900	1200	1500	1800	2100	2400	2700	3000
<b>Depth (mm)</b>	75	75	75	75	75	75	75	75	75	75	75

### Slip resistance level

Real Safety's solutions are all classified with the highest scores as R13.

<b>DIN 51130/Classe</b>	R9	R10	R11	R12	R13
<b>Slip angle(°)</b>	6 -10	10 - 19	19 - 27	27 - 35	> 35
<b>Slip Resistance</b>	Very Low	Low	Medium	High	Very High

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## Technical data

Smoke & Flame	ASTM E648 Nepa 253	Average Critical Radiant Flux: 1.04 Watts/cm <sup>2</sup>
	ASTM E662 NFPA 258	Average Maximum Density Corrected (Flaming): Average Specific Optical Density at 4.0 Minutes: 187
		Average Maximum Density Corrected (Non-Flaming): 341 Average Specific Optical Density at 4.0 Minutes: 311
	ASTM E84	Flame Spread: 20 Smoke Developed: 400 Flame Spread: 50 Smoke Developed: 90 (Vinyl)
	NFPA 258	Passed
Wear	Simulator: 30,000 cycles, 400 pounds	Little wear at end of test: Approximately 0.013 inch (0.33 mm) between worn and unworn sections of cover
Impact	Approx. 138 Joules (17 lb. pendulum), 60°F	Slip resistant coating detached at point of impact only No shattering occurred
Thermal Shock	Range: -40° to 150°F	After 20 cycles, visual inspection for cracking or melting revealed no sign of damage
Weathering	ASTM D4587	Lightness/Darkness (L*) - small change Redness/Greenness (a*) - small decrease Yellowness (b*) - slightly larger decrease

## Physical and chemical properties

Physical state and appearance	Solid
Colour	According to the product
Odour	According to the product
Boiling point	Undetermined
Melting point	> 400°C
Specific gravity	1.5 - 1.9 g/m <sup>3</sup>
Vapor density	Not applicable
Solubility	Not applicable
pH	Insoluble
Inflammation point	480°C
Autoignition temperature	Not auto-flammable
Decomposition temperature	Not applicable

## Grid Choice



**Extra Coarse**  
For offshore and heavy industrial applications.



**Coarse**  
For industrial and commercial applications.

For installation and cleaning guides, please contact us.