REAL SAFETY®
It's all about people

FRP Escape Route Markers Technical Data Sheet

Key benefits

- **Anti Slip Top Surface**

FRP escape Markers have an anti-slip surface that offers excellent slip resistance.

- **Durable**

FRP escape markers are made from high quality resins and glassfibers, which gives an exceptionally tough and resilient core structure.

- **Aluminum oxide**

Integrated into the top surface of the FRP escape markers are aluminum oxides. The hardness of the aluminum oxides makes it impossible to wear the markers down.

- **Quick**

FRP escape route markers can be installed quickly by anyone in all weather conditions all year round.

Specification

Please specify this text to secure best practice and quality

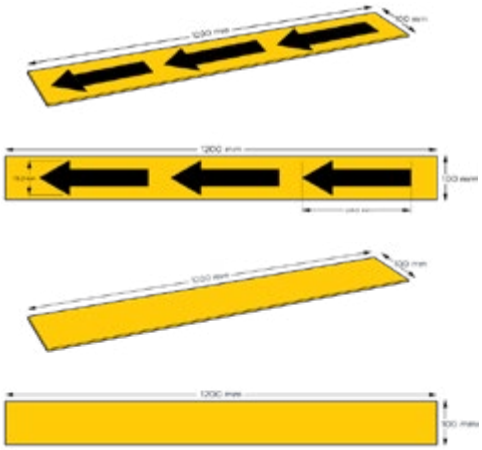
Product: FRP Escape route marker (with our without black arrows)

Colour: Safety Yellow Ral 1003 (or any colour combination)

Grit type: Aluminum Oxide

Grit size: mesh 10 (offshore) mesh 20 (industrial)

Slip resistance: R13



SIZE	L	W	H
mm	1200	100	3,5

For installation and cleaning guides, please contact us.

ISO 9001 2015 CERTIFIED

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Slip resistance level

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

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

Technical Data

Smoke & flame	ASTM E648 NFPA 253	Average Critical Radiant Flux: 1.04 Watts/cm2
	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 appereance	Solid
Colour	According to the product
Odour	Practically odourless
Boiling point	Underdetemined
Melting point	> 400°C
Specific gravity	1.5 - 1.9 g/m3
Vapor density	Not applicable
Solubility	Not applicable
pH	Insoluble.
Flame point	480°C
Autoignition temperature	Not auto-flammable