

FRP Walkway Covers Technical Data sheet

Key benefits

Anti-Slip Top Surface

- FRP walkway covers have an anti-slip surface, that offer excellent slip resistance.

Designed to enhance visual safety

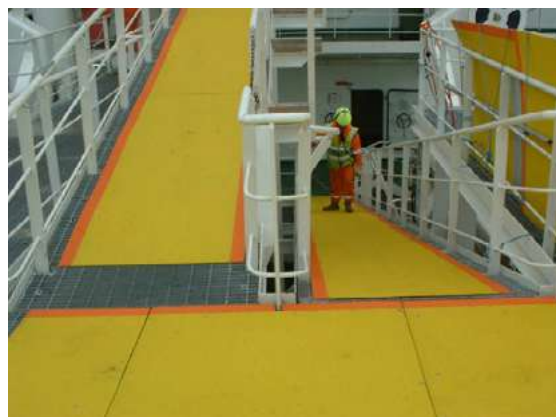
- Through the choice of yellow colour, we can increase the important visual safety enormously.

Quick

- FRP walkway covers can be installed by anyone, in all weather conditions, all year around.

Versatile

- Our walkway covers are manufactured in FRP material that does not corrode. They can also be cut to size and customized to your exact measurements.



Specification

Please specify this text to secure best practice and quality:

Product: FRP Walkway cover

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

Grit type: Aluminium Oxide

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

Slip resistance: R13

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



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Technical data

Smoke & Flame	ASTM E648 Nepa 253	Average Critical Radiant Flux: 1.04 Watts/cm ²
	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 ³
Vapor density	Not applicable
Solubility	Not applicable
pH	Insoluble
Inflammation point	480°C
Autoignition temperature	Not auto-flammable
Decomposition temperature	Not applicable

Grid Choice



Offshore
For offshore and heavy industrial applications.



Industry
For industrial and commercial applications.

For installation and cleaning guides, please contact us.

