

Walkway Cover Technical data sheet

Key Features



Quick and versatile

Our walkway covers are manufactured in FRP material that does not corrode and can be installed by anyone, in all weather conditions



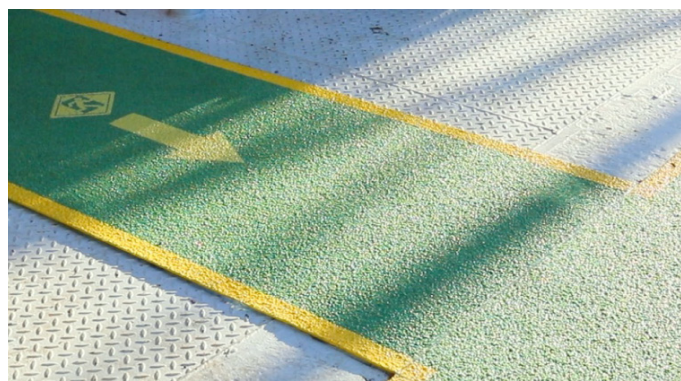
Designed to enhance visual safety

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



Anti Slip Top Surface

Walkway Covers have an anti-slip surface that offers excellent slip resistance.



Specification

Please specify this text to secure the best practice and quality:

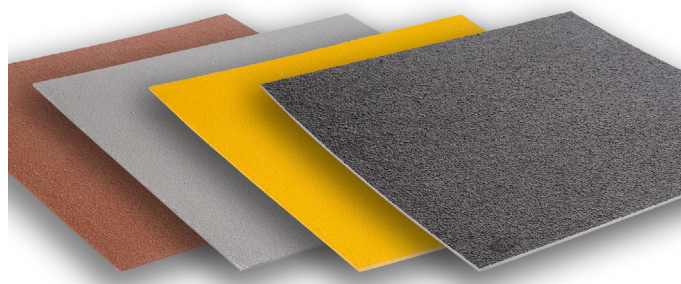
Product: Walkway cover

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

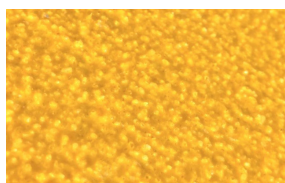
Grit type: Aluminium Oxide

Grit size: mesh 12 (extra coarse) mesh 24 (coarse)

Slip resistance: R13



Grid Choice



Coarse

For industrial and commercial applications.

Average height 4,4 mm



Extra Coarse

For offshore and heavy industrial applications.

Average height 6,5 mm

For installation and cleaning guides, please contact us

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/m3
Vapor density	Not applicable
Solubility	Not applicable
pH	Insoluble
Inflammation point	480°C
Autoignition temperature	Not auto-flammable
Decomposition temperature	Not applicable

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Technical data

Manufacturing process		Pultrusion (through automatic pultrusion machine)
Major Raw Material		a. Isophthalic Polyester Resin System (Fire Retardant, Corrosion Resistant & UV Stabilized) b. Various Glass Fibre (Content range 55% to 65%)
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
	IS 6746 Appendix K/UL 94	Flame Retardant Low flammability/ vo
	ASTM-D-635	Flame spread 20 mm
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
	ASTM-D-149	Dielectric Strength (short term) in oil 35 kv/inch
	ASTM-D-256	Izod Impact Strength 25 ft - lbs
	ASTM-D-638	Tensile Strength (break point) 30,000 psi
	ASTM-D-790	Flexural Strength (break point) 30,000 psi
	ASTM-D-2863	Oxygen Index 30%
Impact	Approx. 138 Joules (17 lb. pendulum), 60°F60	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

Slip Resistance level

DIN 51130/Classe	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

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

