

DELTA COVER

SCHEDA TECNICA COPERTURE IN PRFV ***Technical data sheet of GPR Covers***

Flat covers for tanks with mobile bridge **(Ex.: desander, oil separators, etc.)**

Fiberglass covers, also known as GRP (glass-fibre reinforced plastic), has interesting properties because it combines an exceptional resistance to corrosive agents in aqueous solution with lightness, excellent characteristics of mechanical strength, resistance to shocks, mold, microorganisms, agents chemical and atmospheric.

The roofs are made up of overlapping GRP flat modules bolted together and substructures in stainless steel. The passage of the sludge scraper is guaranteed by a longitudinal lane of about 20 cm confined with a double row of rigid nylon brushes, which guarantee the seal of malodorous substances.

It is possible to make inspection hatches, flanged outlets and other accessories and openings for internal washing.

The cover is walkable and resistant to snow and wind loads.

Size and feasibility	To be evaluated based on existing structures
Shape of the module	Flat laminate with coupling flanges and housing step for nylon strip
Coupling flanges	Flange width: 15 cm Holes diam. 38 mm every 60 cm approx.
Seal between the modules	EPDM seal 50x5 mm to closed-cell
Fasteners	M12 - S.S. 316
Support structure	S.S. 304 or 316
Average weight	12 kg/m ² (Excluded support structure)
Longitudinal lane for sludge scraper passage	Width 20-25 cm
Longitudinal lane closure	Double row of nylon strip

Data refer to standard coverages. We create customized solutions based on customer needs.

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Coverage modules construction

EXTERNAL LAYER (SMOOTH)	Isophthalic-neopentyl gelcoat to UV rays' resistance
EXTERNAL COLOR	Customer's choice - Available in all RAL colors
STRATIFICATION	Composite and Chopped strand MAT and Orthophthalic polyester resin
INNER LAYER	Vinylester resin against corrosion