

DELTA COVER

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

Covers for circular tanks with fixed gangway (Ex: sludge thickening, etc.)

The **fiberglass roofing**, 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.

Our specialized staff designs and manufactures **self-supporting covers for circular tanks** with fixed gangways. Thanks to our system, which is completely mountable and removable from the outside, Delta Cover is capable of mounting even with full tanks.

The covers are walkable and resistant to snow and wind loads. The roof is made up of modular segments with a conical vault joined together, supported by two central grouping half-rings fixed to the existing gangway.

Each module is equipped with threaded connections for lifting and can be removed individually from the tank, without having to dismantle the adjacent modules.

It is possible to make inspection hatches, flanged outlets, breathing valves and other accessories.

Internal diameter of the tank	Up to 32.70 mt
Silhouette of the module	Convex trapezoidal (conical vault)
Threaded connections for lifting	No. 2/panel - M12 60x60x4 mm - S.S. 304
Coupling flange	Flange width 15 cm - M12 threaded plates 60x60x4 mm - S.S. 304 inside the GRP, one every 60 cm approx. - Holes diam.38 mm
Intermediate seal between the modules	EPDM seal 50x5 mm to closed-cell
Fasteners	S.S. 316
Perimeter footprint	Variable
Average weight	21 kg/m ²
Central support ring	GRP and stainless steel (304 or 316)

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 colours
STRATIFICATION	Composite and Chopped strand MAT and Orthophtalic polyester resin
INNER LAYER	Vinylester resin against corrosion