

DELTA COVER

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

Dome covers

(Ex: accumulation tanks, percolators, flocculators, 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.

We provide our customers with modern and functional solutions such as **self-supporting dome roofs**.

This type is designed for circular tanks without walkways or other intermediate supports.

Thanks to the system, which is completely mountable and removable from the outside, Delta Cover is capable of laying even with full tanks.

The domed roofs are walkable and resistant to snow and wind loads.

The entire roof, pre-assembled on the ground in an adjacent area, is lifted with a telescopic crane and fixed to the perimeter wall of the tank.

The roof consists of trapezoidal conical vault modules flanged together, joined at the top by a central grouping ring.

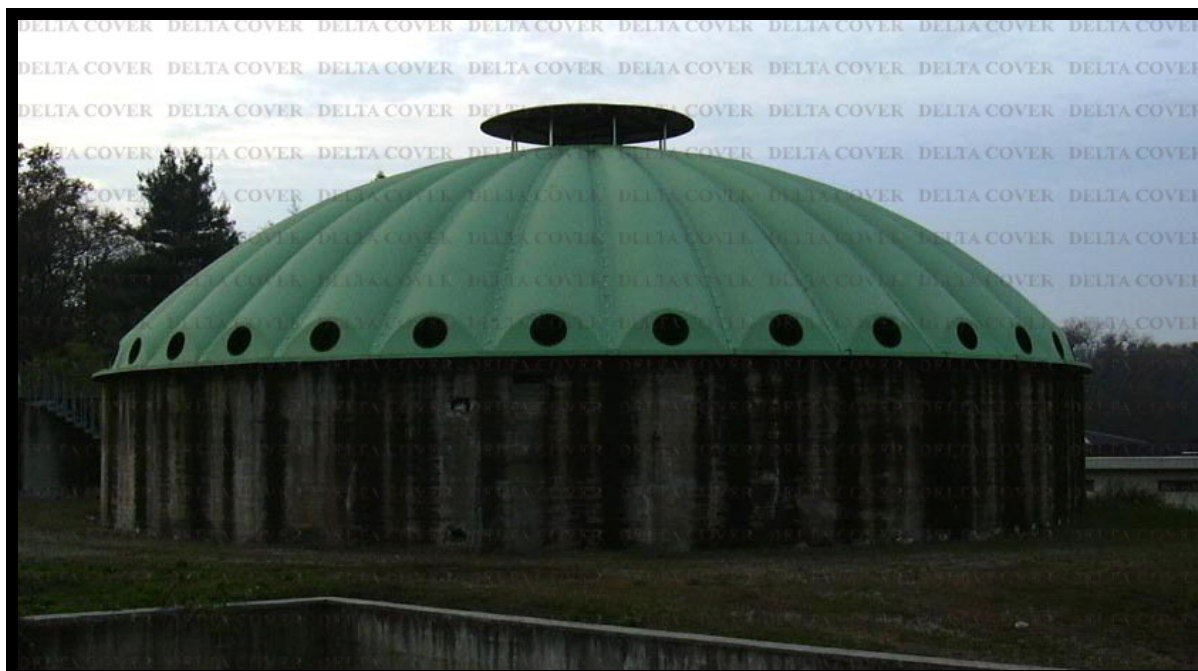
It is possible to make inspection hatches, flanged outlets, breathing valves and other accessories.

Internal diameter of the tank	Up to 22.00 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
Connection and fixing bolts	S.S. 316
Perimeter footprint	> 20 cm
Average weight	20 kg/m ²

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