

Covering in GRP Fully customized top closure structures

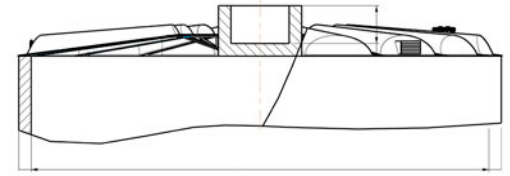
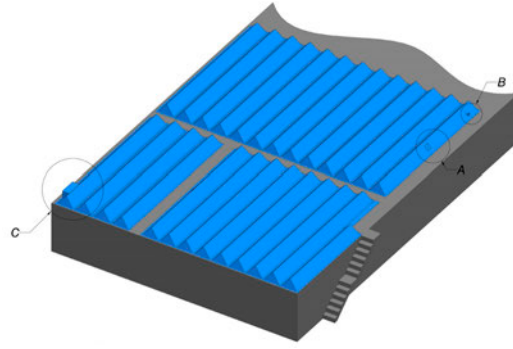
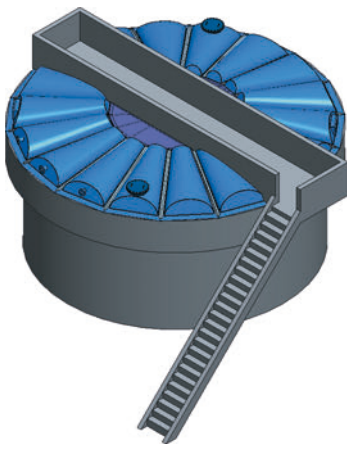
DimaNF designs, manufactures and installs self-supporting **cylindrical and rectangular modular coverings** for tanks, decanters, digesters and sludge thickeners, whether or not fitted with a gangway or central pillar. Coverings of this type are used in areas of **water purification, desalination plants** and areas where the corrosive environment is predominant.



Advantages of our system in GRP

- GRP equipment has high **chemical and mechanical resistance and to the external corrosion agents**. The **service life** of our GRP equipment is **approximately 50 years**.
- We manufacture according to the following standards: **UNE EN 13121-3: 2010** and **ASME RTP1-2011**.
- Our manufacturing process is based on the **technique of molding projection**, which consists of projecting the polyester resin together with the fiberglass on a metal mold. The difference with other techniques is that this is the one that offers **more possibilities in terms of design**.
- We also carry out in GPRS the **walkways, stairs, grilles, railings and any accessory of profiling** associated with the installation of the covering.

With each project we deliver the design memory of the equipment, which includes the calculations of the covering and the metal structure



PROCEDURE AND MANUFACTURING MATERIALS

- **WATERPROOF BARRIER:** also called **anticorrosive** barrier, because it is directly exposed to the medium, and therefore, susceptible to suffer a greater chemical attack. For this reason, this layer has a **higher resin content** (around 70% by weight).
- **STRUCTURAL LAMINATION:** Depending on the element to be manufactured, different procedures will be used. In the case of the **bottoms**, the **hand lay up procedure** will be used, and in the case of the **ferrules**, the **continuous winding procedure** will be used, which consists of the application of fiberglass helices in **format of roving** by mechanical means.
- **FINISHING COAT:** Finally a white **finish layer** is applied.

TYPES OF COVERINGS. WE ADAPT TO YOUR NEEDS



Flat circular covering



Undulating semicircular covering



Square covering



Rectangular covering



Wavy circular covering

We study your needs to select the most appropriate production method depending on the distances to be covered, morphology and loads