



STORAGE

## MODULAR TANKS

 TURNKEY INSTALLATION

 UP TO 60.000M<sup>3</sup>

 LITTLE MAINTENANCE

Sotrad Water offers you a turnkey project and the possibility of drawing up particular specifications for the storage of raw and drinking water, tank sizing, supply of metal structural works, site monitoring and onsite assembly monitoring.

All our materials in contact with water are compliant with the international standards and certified by the Food and Drug Administration and the “Attestation de Conformité Sanitaire” (ACS) in France.

Sotrad Water tanks are designed for storing (raw and drinking) water, but the system is capable of storing a wide range of liquid foods as well as certain solids.



### → EXAMPLES

- Storage of drinking water (supply for cities, villages, base camps, etc.)
- Storage of drinking water (for industry, agriculture, etc.)
- Treatment station (biological and autonomous treatment)
- Fire reservoir (supplementary storage for buildings at risk and sensitive areas)
- Different types of storage (liquids and solids)

### → TECHNOLOGIES

**Sotrad Water** tanks are composed of unsaturated isophthalic polyester panels with fibreglass reinforcements.

The rigidity of these stable and robust tanks is ensured by clamps, tie rods, buttons and all the assembling accessories that create a modular system of immense volume and size (min 1 m<sup>3</sup> / max 60 000 m<sup>3</sup>).

The panels are of standardized size (1000 x 1000 mm). Apart from the square shape, the tanks may also be T- or L-shaped to avoid obstructing buildings, poles, etc.

## → SPECIFICATIONS

### STANDARD EQUIPMENT

The modular tanks and constituent elements are supplied with a set of standard equipment:

- 💧 An interior ladder in reinforced PVC sized in accordance with the tank
- 💧 An exterior ladder in GALVA sized in accordance with the tank
- 💧 Attachment system for the ladders
- 💧 Aerators
- 💧 Groundsheet sized in accordance with the surface area of the tank plus 1 metre
- 💧 A manhole with cover
- 💧 A level indicator
- 💧 Blowhole

### OPTIONAL EQUIPMENT

- 💧 Pipes
- 💧 Float balls
- 💧 Drainage point
- 💧 Valves, lead-throughs, flanges
- 💧 Level sensors

## → ADVANTAGES:

- 💧 **POTABILITY**  
Dust and insect proof. The absence of light and a smooth and even surface prevents development of algae and bacteria. Materials comply to International Potability Standards
- 💧 **HIGH TENSILE STRENGTH**  
Panels are tested up to 6 times the nominal load (BS 2782 Standard). Each tank carries a full 10 year guarantee against the unlikely event of faulty manufacture.
- 💧 **HIGH MODULARITY**  
Possibility of modifying the tank (compartmentalise, supplement, etc). Easy to assemble and disassemble
- 💧 **ADAPTED TO OUTDOOR USE**  
High UV resistance. No corrosion. The thermal conductivity of the GRP is 240 times inferior to that of metal (steady temperature).
- 💧 **STRONG & DURABLE**  
Over 25 years service life with reduced maintenance
- 💧 **ECONOMICAL**  
Industrialised production process. Quick to assemble with little labour and standard tools.

