

The background of the advertisement is a photograph of the interior of a large, blue-painted water tank. The floor is covered in a metal grid. Several black pipes are visible, some with red-handled valves. The lighting is bright, creating reflections on the water surface.

HYDROCLICK®

Lining for Potable Water Tanks

With fast and safe installation, short shut-downs, low maintenance and a life expectancy of 50 years, the HYDROCLICK® system is a cost-saving solution for the prompt availability of clean



For more information about Agru America and our products, visit agruamerica.com

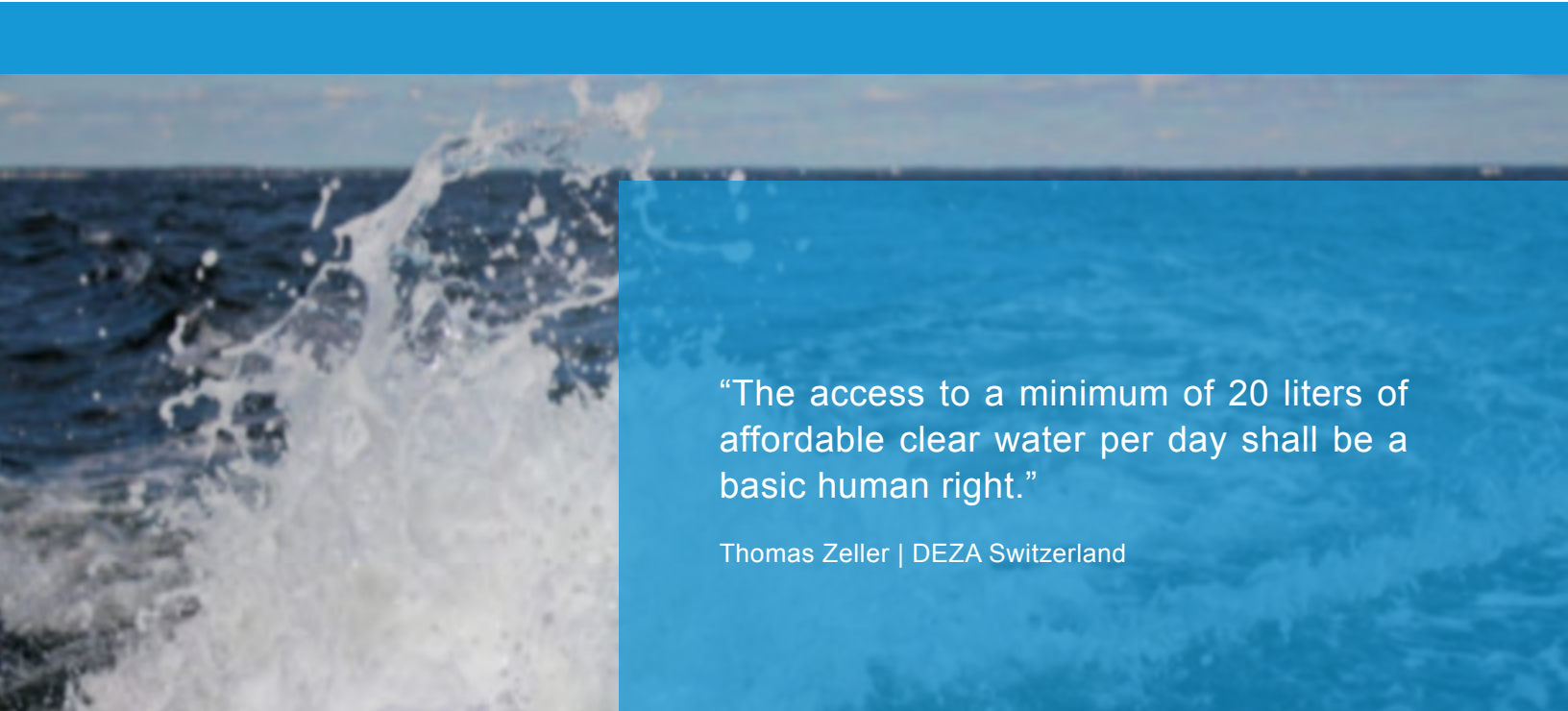


Worldwide Competence in Plastics and Geosynthetics

As an international manufacturer of innovative geosynthetic products, Agru America is always prepared to meet special challenges with powerful solutions. From waste management and water conservation to mining and energy, we develop the highest quality plastics solutions for the right applications. Our competency extends into the production and sales of high-quality thermoplastic solutions for the transport and storage of valuable water resources.

Potable water is one of our world's necessities, but establishing and maintaining a good potable water system is one of our biggest challenges. Providing sufficient potable water is a key issue of our times, and the careful handling of our water reserves is a priority.

For more than 40 years, Agru America has manufactured and supplied high-grade thermoplastic solutions for the transport and storage of valuable water resources.



“The access to a minimum of 20 liters of affordable clear water per day shall be a basic human right.”

Thomas Zeller | DEZA Switzerland



Figure 1: HYDROCLICK® system

The System

The HYDROCLICK® system was developed in cooperation with the Swiss company ETERTUB AG. For more than 30 years, this company has specialized in potable water applications, from the tapping of springs to water storage. Polyethylene is perfectly suited for this application due to the need for purity, mechanical strength and long life expectancy. The HYDROCLICK® design provides a fast and safe installation for both new construction and renovations/rehabilitation.

Click!

The click profile on HYDROCLICK's® backside is aligned to the click studs of the sheet. The profile has a co-extruded electroconductive layer that provides the counter electrode for spark (holiday) testing, which makes quality control testing the joint area after welding is completed fast and easy..



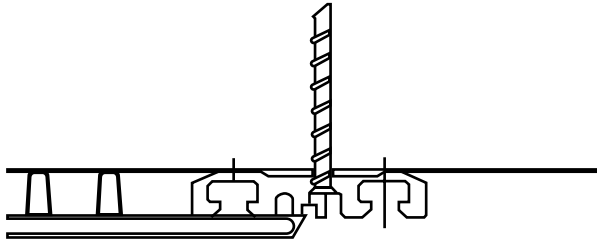
Benefits:

- Frost-proof
- Corrosion resistant
- Resistant to chlorination (up to 5 mg/l)
- Long life expectancy (>50 years)
- Complete leak control
- High surface quality, no deposits
- Easy to maintain and suitable for high-pressure cleaning
- Resistant to micro-organic corrosion



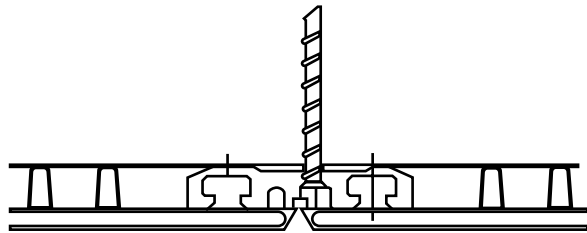
Step by Step

Many reservoirs have been in use for long periods of time, during which they deteriorate and are no longer able to pass today's stringent quality requirements. The HYDROCLICK® lining system has been developed to solve these problems and is suitable for new installations and retrofits.



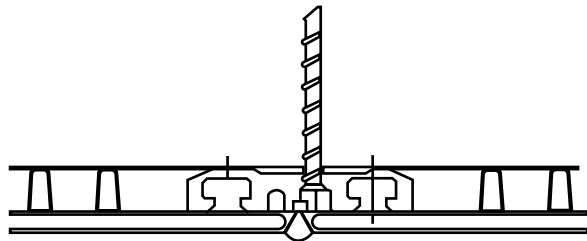
Step 1:

The click profiles are mechanically fixed to the concrete structure. This is done without the requirement of preparation of the existing tank.



Step 2:

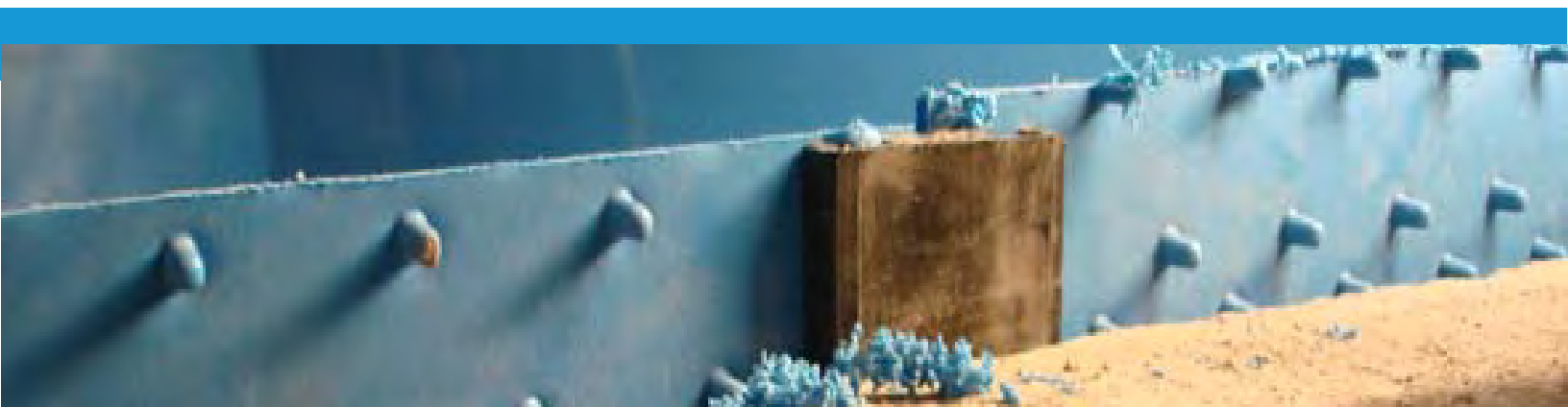
The HYDROCLICK® sheets are clicked into the profiles.



Step 3:

Extrusion welding is used to seal the joints, thus ensuring a leak-tight seal. The HYDROCLICK® system can be monitored in the service chamber continually with no added cost to the customer.

The space between the liner and the wall ensures that no condensation will further deteriorate the concrete behind the liner.





Perfect Lining for Portable Water Tanks

Supply Program

The HYDRO+ system is well-proven and has been used in new construction and renovations for years. It was developed from the Hydro+ system based on the experiences of fabricators, end users and experts, and fast and safe installation ensures minimal downtime. HYDROCLICK's® life expectancy of 50 years and low maintenance needs result in cost-savings for the operator and the prompt availability of clean water.

Benefits

- Clean installation (pretreatment of existing structure is not necessary)
- Short installation time
- Prefabrication of components is possible
- Completely sealed joints
- Low maintenance
- Inspection is simplified due to light-colored surface
- Only small entry openings required (to bring sheets into the tank)

For more information on HYDROCLICK® and other Agru products, please reach out to us.



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