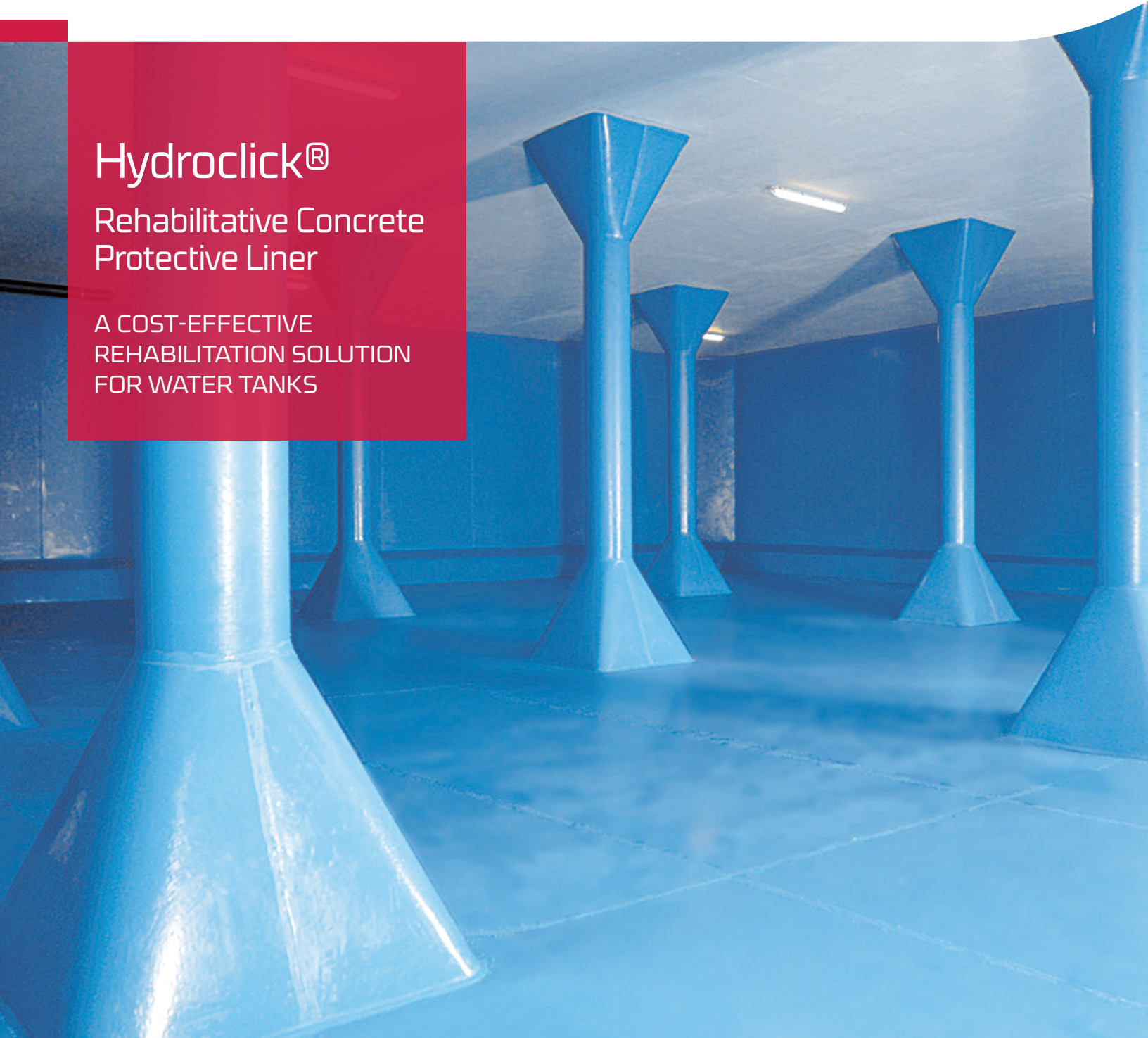


Hydroclick®

Rehabilitative Concrete Protective Liner

A COST-EFFECTIVE
REHABILITATION SOLUTION
FOR WATER TANKS





The Plastics Experts.

Our concrete protection product group offers a complete, top-quality range of concrete protective liners that have a special focus on protecting concrete structures from aggressive and abrasive media. These liners are used wherever there are increased requirements for a concrete structure and are particularly beneficial when corrosive fluids or gases need to be transported or stored.

The AGRU success story has been unfolding for seven decades. Founded in 1948 by Alois Gruber, who set the company on the course for plastic manufacturing, AGRU has become one of the world's most important single-source suppliers for piping systems, semi-finished products, concrete protection liners, and lining systems made from engineered plastics. We use only top-grade thermoplastic polymers as our raw materials. When it comes to application-technical consulting, we are your best partner in the field.



Quality

Customer satisfaction comes first at AGRU. Technical consultations are an essential part of our customer service. The AGRU quality assurance system is compliant with multiple international standards and AGRU's procedures help ensure that products meet or exceed international standards, on an ongoing basis.

The start-to-finish attention to quality ensures that the products meet and beat the strictest technical specifications, providing safe operation within gas, water, and wastewater infrastructures.

AGRU Hydroclick®

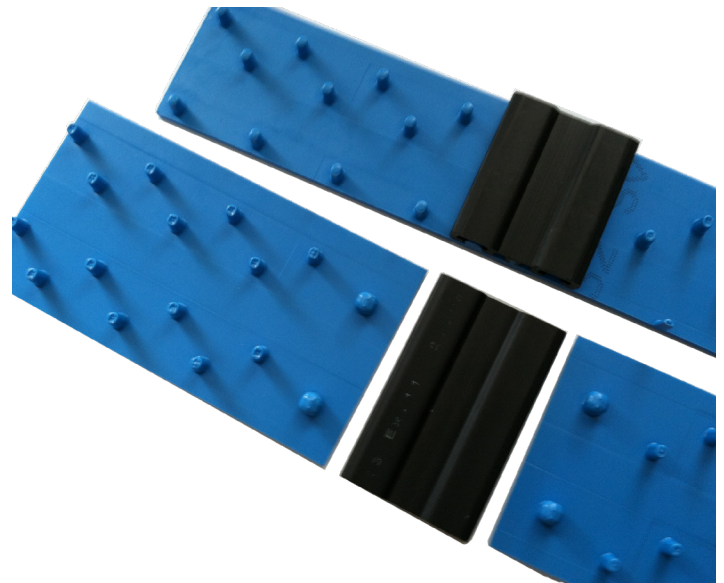
System Overview and Benefits

Hydroclick is a rehabilitative non-spray concrete protective liner manufactured with high-quality NSF/ANSI 61 certified HDPE resin using ultramodern technology. Hydroclick offers fast, efficient, and cost-effective rehabilitation of water tanks for the prompt availability of clean water. The liner boasts minimal downtime for installation and maintenance as well as a 50-year life expectancy.

Hydroclick was developed in cooperation with ETERTUB AG, a Swiss company with 30-years of experience in potable water applications ranging from the capture of natural springs to water storage. By combining AGRU's ability in geosynthetic manufacturing with ETERTUB AG's experience in water storage and capture, Hydroclick melds multiple benefits to perfectly suit applications in potable water storage.

Summary

- Fast and easy installation
- Minimal maintenance requirements
- Suitable for high-pressure conditions
- Welded for watertight construction
- Smooth surface prevents deposits
- Resistant to microorganisms
- Long life expectancy
- Corrosion Resistant.





Innovative Click Design

Hydroclick makes installation a dream. The Hydroclick eponymous “click” profiles give a quick and exact means to secure the liner onto the existing structure. The profiles click into studs attached to sheets placed onto the structure, which helps align and keep the concrete protective liner in position for easy welding.

Click profiles are also coextruded with an electroconductive layer for spark (holiday) testing, further enhancing the quality control process after welding.

Easy Installation for Leak-Proof Concrete Rehabilitation

The Hydroclick system, designed for the stringent demands of potable water systems, includes an innovative structured liner with spacers integrally formed onto the liner during the extrusion process. Welding Hydroclick produces permanent and reliable joints that are both secure and leak-proof. Prefabricated and preassembled Hydroclick sections significantly speed on-site installation efforts, reducing production downtime and project costs. Each section incorporates a protective film that minimizes cleanup and facilitates rapid installation while minimizing downtime.

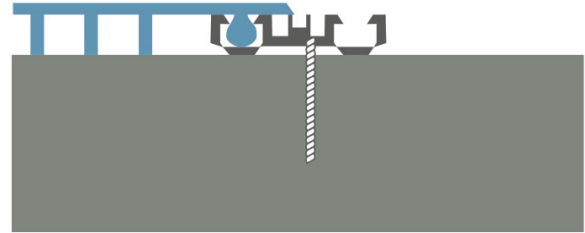


Installing the Hydroclick System

Install Hydroclick in three steps to prevent concrete deterioration:

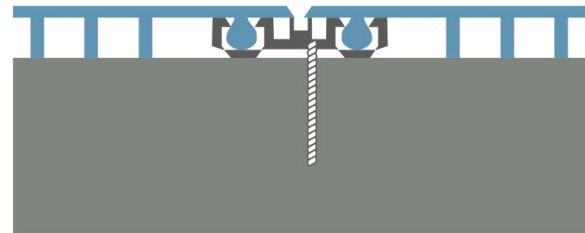
Step 1

Mechanically fix click profiles to the concrete structure without the need of more preparation on the existing tank.



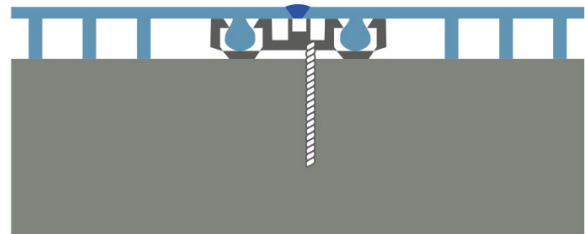
Step 2

Attach the Hydroclick sheets onto the profiles.



Step 3

Extrusion weld Hydroclick joints to seal the system, guaranteeing a leak-tight installation.



Watch a complete installation of the Hydroclick system:
<https://agru.life/hydroclick-installation>

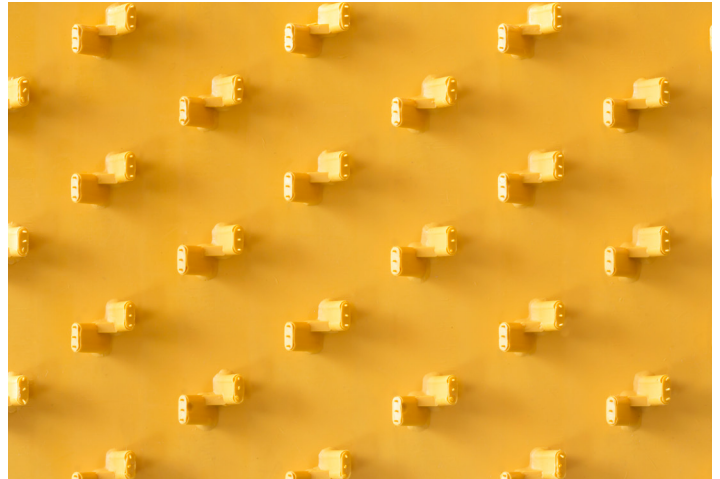


AGRU Concrete Protective Liners

AGRU America offers a range of other non-spray concrete protective liners with various configuration options to support the exact needs of new concrete structures.

Sure-Grip®

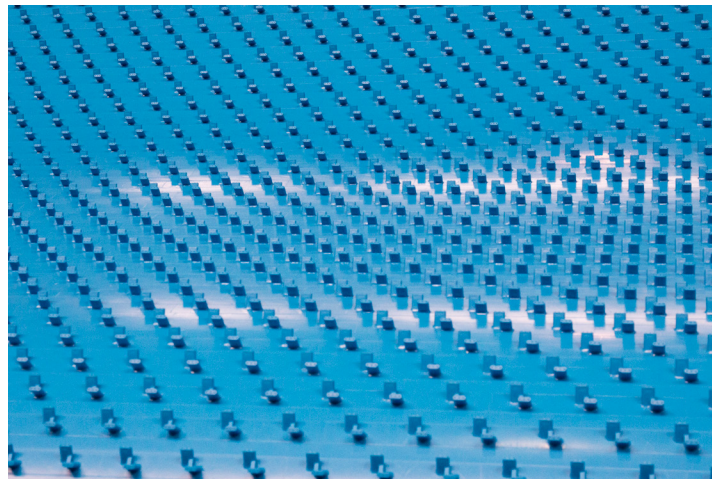
Sure-Grip is a well-established concrete protective liner with a stud height of 13 mm and is suited for new constructions, tank rehabilitation, and precast elements such as concrete pipes and maintenance holes. Sure-Grip comes available in a host of material types including polypropylene, polyethylene, PVDF, and ECTFE. Available colors include grey, black, and yellow. For advanced requirements, AGRU is also able to manufacture Sure-Grip type 571 with a stud height of 19 mm. Special dimensions and product specifications can be made available on request. Sure-Grip is designed to support concrete protection for new constructions as well as the rehabilitation of existing structures and precast elements.

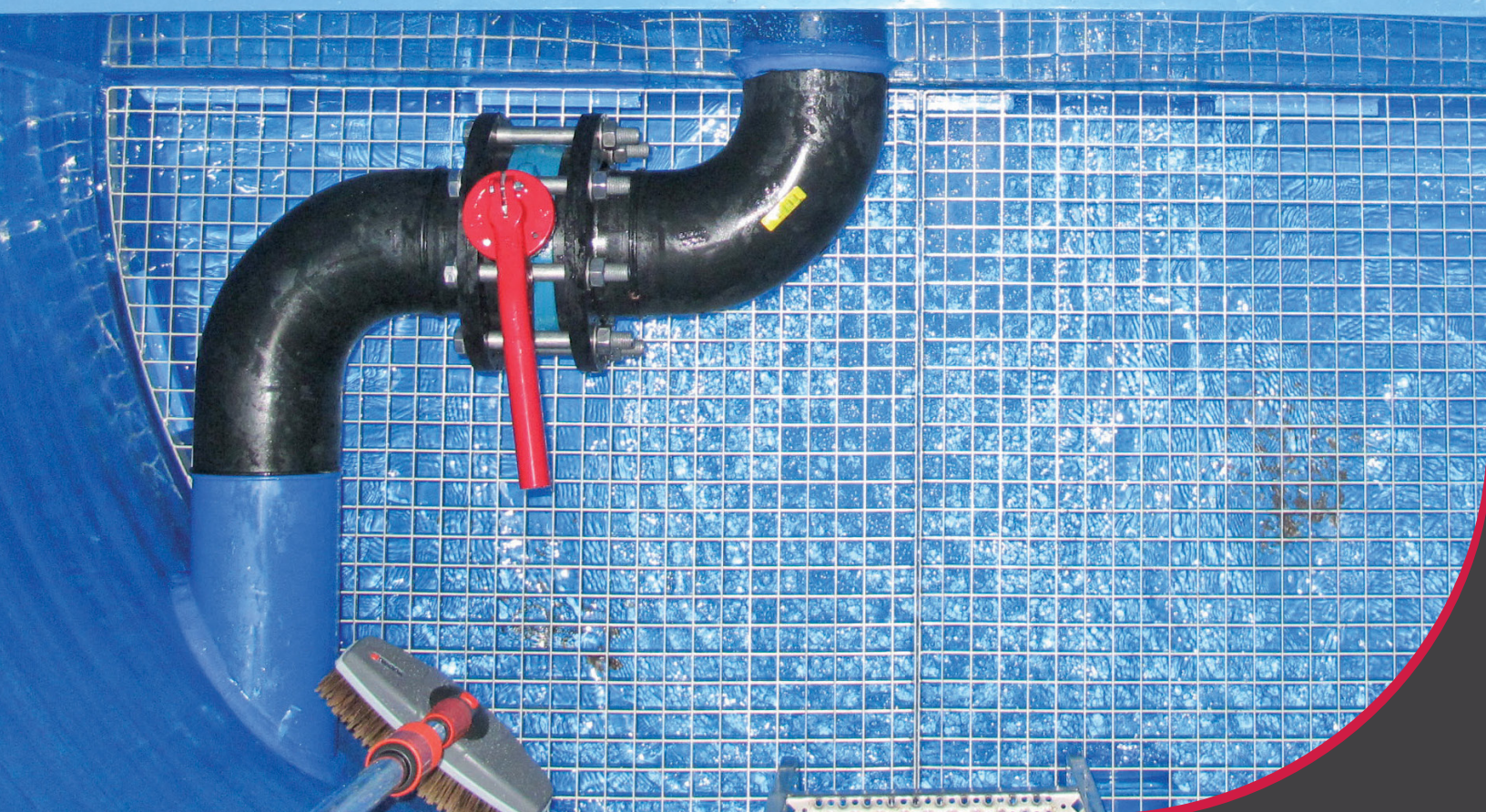


AGRU Ultra Grip®

AGRU Ultra Grip uses an innovative design with an enhanced anchor shape that offers superior resistance to backpressure, improving the liner's attachment onto the concrete. AGRU Ultra Grip is recommended and is the best solution for the installation of structures in areas with high groundwater and where significant backpressures will be met.

AGRU also manufactures special Sure-Grip and Ultra-Grip with customizations to meet specific project needs. For assistance in choosing the AGRU concrete protective liner configuration that best aligns with your project, reach out to an AGRU sales representative at 800-373-2478 or visit us online at <https://agruamerica.com/contact>.







The Plastics Experts.



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