

renesco[®]

Passion | Technology | Trust

WATERPROOFING SOLUTIONS FOR HYDRAULIC PROJECTS

www.renesco.com



renesco[®]

Passion | Technology | Trust

ABOUT RENESCO

Renesco was established in 1965 in Switzerland. Our reputation as a specialist contractor in tunnel waterproofing works has extended from the local Swiss market to the international market.

Currently, we are recognized worldwide for the specialised injection grouting and waterproofing works that we perform not only in tunnels, but also in all kinds of underground, hydraulic, civil and environment structures.

Our range of services include:

- Injection grouting with cementitious and chemical grouts
- Specialized drilling works
- Waterproofing with coatings and geomembranes
- Joint sealing
- Concrete repair works

Following the increasing requests from the market, in 2020 we have started a division entirely dedicated to hydraulic structures.

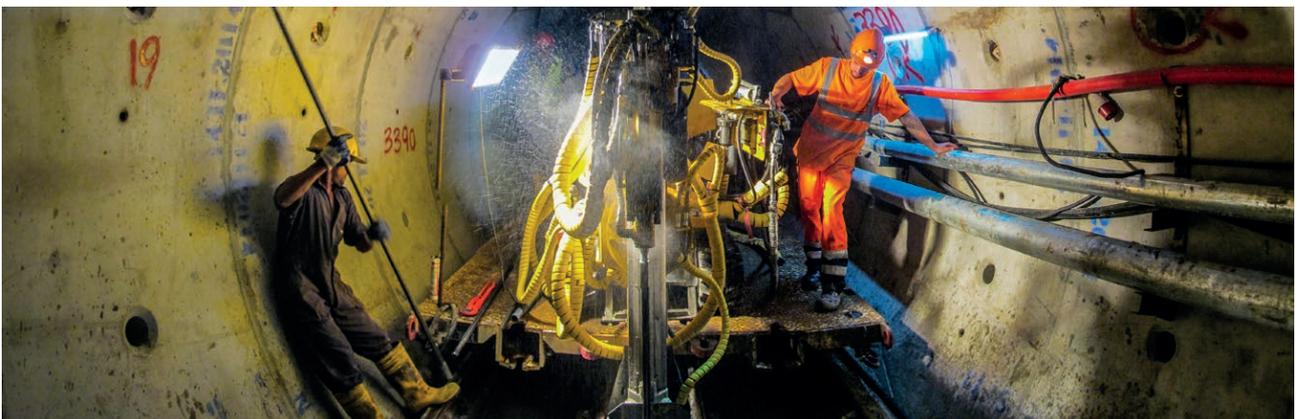
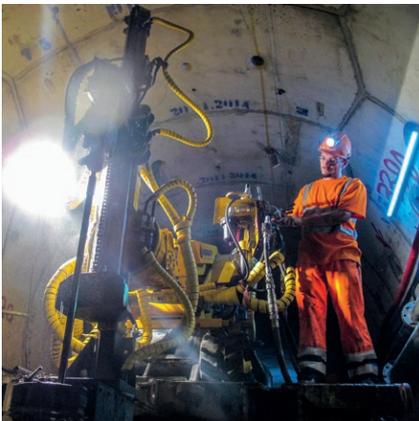


OUR PHILOSOPHY

- We provide not only ONE solution, but we search for the best solution, independent from the specific system or material.
- We utilize our know-how and experience to benefit our customers and encourage the collaboration with specialist engineering offices and material suppliers in our network.
- We strongly believe that a balance between human steered processes, and automatization is the key to efficient, safe and successful completion of a project.
- We customize our equipment for optimizing installation time and quality
- We are constantly improving our methodologies
- We keep our work-force trained and highly motivated
- We work safe and sustainably

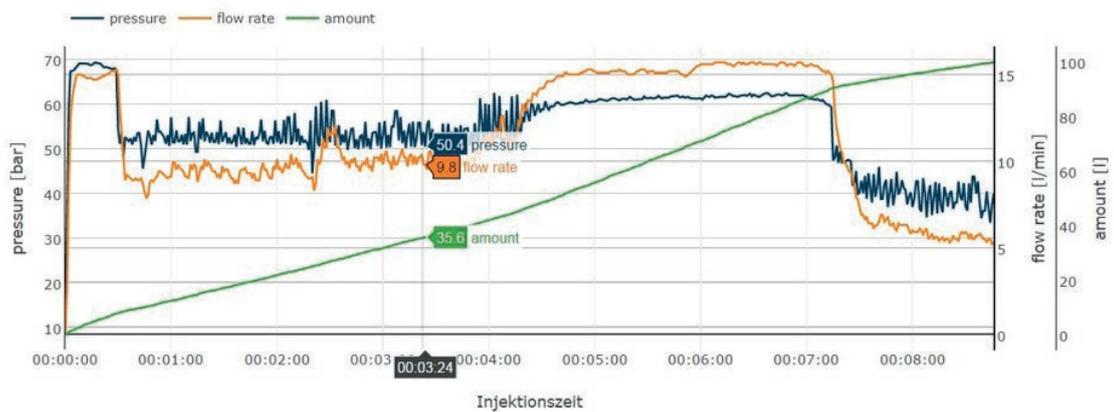
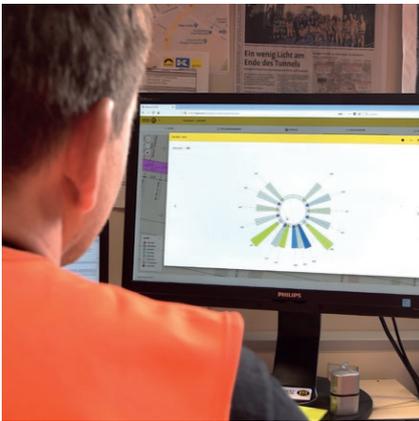
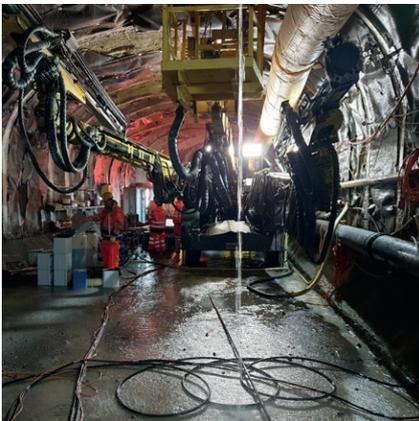
INJECTION GROUTING

- Cement and chemical grouting
- Compensation grouting
- Impermeabilization grouting to prevent water inflow during construction of tunnels and shafts
- Grout curtains and contact grouting in dams
- Consolidation and impermeabilization of fractured rock zones
- Passive prestressing of pressure water tunnels and shafts



DIGITAL MANAGEMENT OF THE GROUTING WORKS

- Automatic steering of the grouting process
- Data visualization and logging in a Data Cloud
- Optimization of the grout process at any time
- Process management

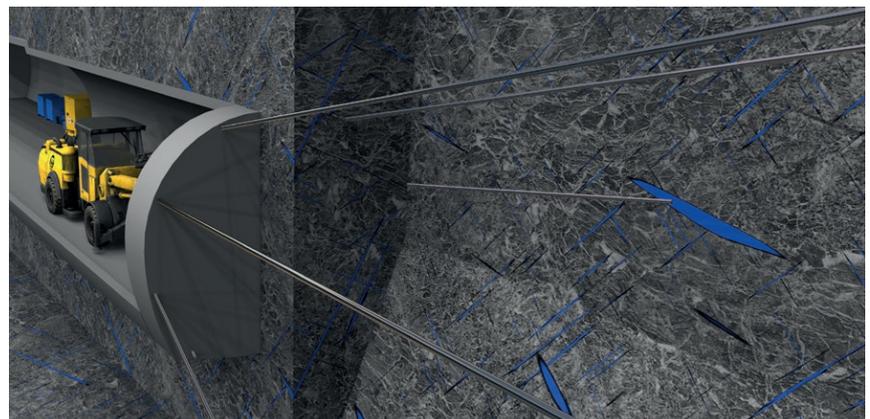


STATE OF THE ART INJECTION GROUTING:

Hybrid Injections

Polyurethane resin is added, as needed, to cement slurry. This method combines efficiency of polyurethane injections, required in case of water inflow, to the economy of cementitious injections.

- Automatic addition of polyurethane resin
- Adjustment of the slurry properties during injection
- Waterproofing and consolidation in one go
- Detailed data recording and integration in BIM model



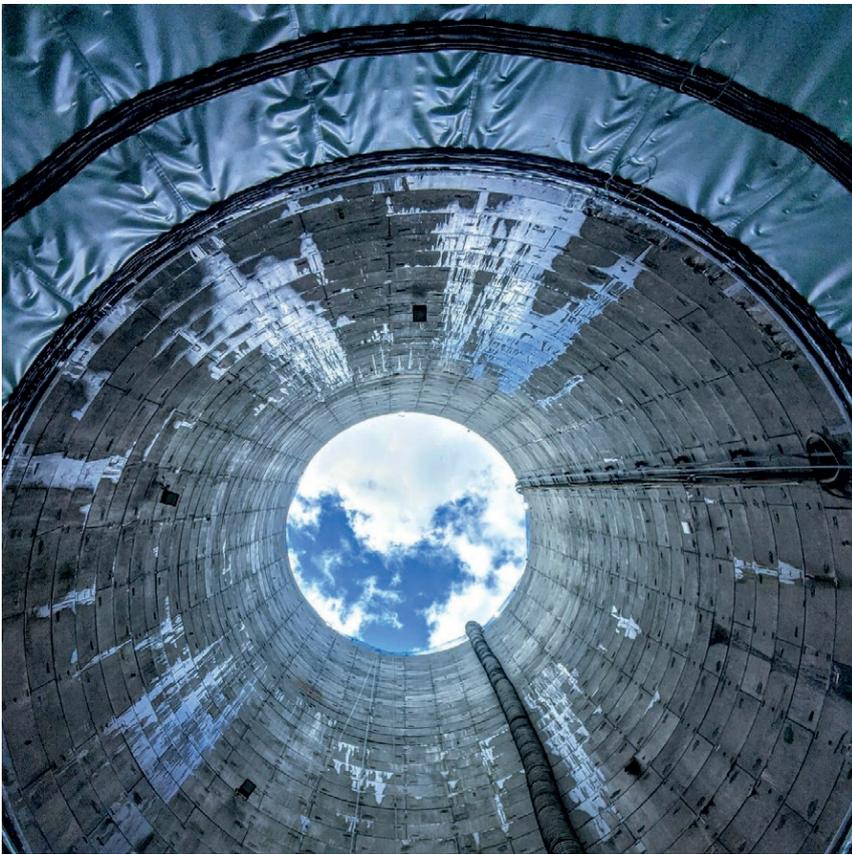
WATERPROOFING

We perform waterproofing works in dams, canals, reservoirs, sewage, hydraulic tunnels and shafts, in new construction or for rehabilitation of existing structures.

We work with materials and systems contemplated in the prevailing guidelines (e.g. ICOLD Bulletin 135, etc.).

- Liquid applied and sprayed waterproofing
- Polymeric geomembranes
- Bituminous geomembranes

During construction, we execute stringent quality checks and provide a system guarantee.



CONTACTS EUROPE

Head office Switzerland

Renesco Holding AG
Seedorffeldstrasse 21
CH-3302 Moosseedorf

GERMANY

Renesco GmbH

Industriestraße 2
D-79541 Lörrach
+49 7621 9155 720
info@renesco.com