



SEWER & PIPE REHABILITATION TECHNOLOGY

SPOT, LINER AND AREAL REPAIR SOLUTIONS

WWW.MINOVAGLOBAL.COM

ABOUT MINOVA

We are an industry leader of ground support, geotechnical and infrastructure rehabilitation solutions

Our purpose is to preserve and enhance the value of assets both production and structural



WATER CONTROL



MAINTENANCE & REPAIRS



SERVICES & TECHNICAL SUPPORT



GROUND ENGINEERING



GROUND CONTROL

BY YOUR SIDE SINCE 1882

We have a long history of developing and delivering reliable solutions for the infrastructure sector.

Our global team of chemists and engineers work together with our customers to provide trusted, quality products.

We offer a comprehensive range of injection chemicals, grouts, resin capsules, sprayable membranes and coatings and bolting systems, as well as pumps and technical services, that ensure your infrastructure assets are maintained and functional.

SAFETY & SUSTAINABILITY

As we move toward greener energy sources, we understand the importance of the development, construction and sustainability of our assets and their impact on the environment.

We continuously review and innovate our products, manufacturing facilities and supply chains to ensure that we are investing in the most sustainable option.

We regularly undertake research and develop plans with industry partners to improve our performance and environmental credentials by recycling and reducing waste of raw materials.

GLOBAL SPECIALISTS

We are global cross-industry ground support specialists with manufacturing plants across five continents, and operations in over 25 countries.

The strategic locations of our production facilities, commercial offices and research and development labs ensure we best serve our customers around the globe. Wherever you are – we are here for you.

WE PROTECT LIVES

We protect lives with the prevention of ground collapse, water control and structural stabilisation and repair, above and below ground.

We deliver value and support to our customers by securing their safety, performance, and efficiency.

EUROPE CIS | AFRICA | AMERICAS | APAC



SEWER & PIPE REPAIR EXPERTS

Our range of resins and mortars, backed by technical expertise and application support, have successfully supported sewer rehabilitation projects for decades.

We offer a range of product solutions including resins for short and long liners for CIPP systems, injection resins to stop water infiltration, fill voids and cracks and various cementitious mortars to repair damaged structures and substrates including backfill, and void filling, manhole and shaft repairs and water influxes through cracks or joints.

Minova's range of resins and mortars are supported by technical expertise and application advice.

Our portfolio is supported with verified external reports from respected institutes and testing laboratories. Our resins are proven for use within drinking water and groundwater environments. All materials have excellent chemical and mechanical resistance creating long lasting rehabilitated pipes and structures.



RESIN PRODUCTS

CARBOLITH PL

CarboLith PL is a 2 or 3 component system, combined with a glass fiber liner for the trenchless in-situ repair of short lengths of pipes. The resin impregnated liner forms a tough but elastic sleeve that repairs damaged pipes. DIBt approved Z-42.3-383.

QUALITIES

The non-foaming, elastic properties and quick hardening of CarboLith PL secures pipework, even in areas of high volume water inflow.

ADVANTAGES

- Wide range of allowable reaction times
- Superior adhesion properties
- Resin ensures deep liner penetration
- High chemical resistance
- Excellent curing performance
- Highly economical repair solution

CARBOLITH HL

CarboLith HL is a 2 or 3 component system, combined with a liner for the trenchless in-situ repair of downpipes and service connections to residential/commercial properties. The resin impregnated liner forms a tough but elastic sleeve that repairs damaged pipes.

QUALITIES

Fast repair work with minimal disturbance and easy access in and out of the pipe using inversion + compressed air techniques. No additional heating required.

ADVANTAGES

- Crease-free repair of pipes
(including bends up to 90 degrees)
- Resin ensures deep penetration
- High chemical resistance
- Excellent fast curing performance
- Highly economical repair solution
- Long term durability



CARBOPOX

CarboPox is a 2 component epoxy resin. Its adapted reactivity and the mechanical parameters of the cured coating is perfectly suitable for sewer pipe renovation using the inliner method.

QUALITIES

Fast repair work with minimal disturbance and easy access in and out of the pipe using inversion + compressed air techniques. Excellent adhesion to multiple surfaces including polyethylene. Potential to introduce a temporary heat source to speed up the curing process.

ADVANTAGES

- Solvent free
- low viscosity
- Resin ensures deep liner penetration
- High capillary action
- Excellent chemical resistance
- Resistance to ambient moisture
- Exhibits good curing speed when heated

CFT RESIN

CFT is a 2 or 3 component injection system used for sealing accessible shafts and larger pipes. CFT is injected using a pump and high pressure lances or injection cartridge guns, to seal cracks, stop water infiltrating and improve structural integrity.

QUALITIES

The injected resin restores the static integrity of the structure and displaces water. The method provides a cost-effective in-situ repair solution, negating the requirement for replacement structures

ADVANTAGES

- Targeted dosing of catalyst optimises required temperature and reaction time
- One step installation
- No formwork required
- Fast setting
- Effectively seals all cracks & fissures in surrounding structure
- Compatible with groundwater



MORTAR PRODUCTS

CT-95

The CT series of repair mortars comprise dry and wet sprayed options including anti-corrosion, additives and polymers. CE certified

QUALITIES

High strength and high build mortars, with excellent performance for both structural and non-structural repair

ADVANTAGES

- Fine to coarse repair layers
- Wet or dry sprayed
- Repair putty options
- Hand trowel option
- Anti-corrosion option
- High chemical resistance

TEKBLEND

Tekblend is a single component rapid-setting hydraulic high-output grout which is excellent at filling large voids and/or creating seals and barriers

QUALITIES

A fluid grout for backfilling voids

ADVANTAGES

- Flexible water:powder ratio
- Excellent output
- Rapid strength gain
- Fills voids



MINOBOND

The Minobond series comprises single component dry cement based mortars modified with polymers and additives and with upto 0.5mm aggregate for hand or trowel applied repairs to concrete and brickwork.

QUALITIES

Easy and fast repair to plug localised water entry in accessible shafts and pipes in layers between 3mm-40mm.

ADVANTAGES

- Rapid setting
- Thixotropic
- Excellent water plugging
- High strength development
- High bond/Easy preparation

MINOTOP

The Minotop series comprises single component dry cement based mortars for backfilling over long distances

QUALITIES

The excellent flowability and ability for underwater use creates a great void filling solution in dry or wet conditions

ADVANTAGES

- Self-compacting
- No bleed
- High strength gain
- Shrink compensated
- Void filling
- Long distance pumping

MINOSTOP

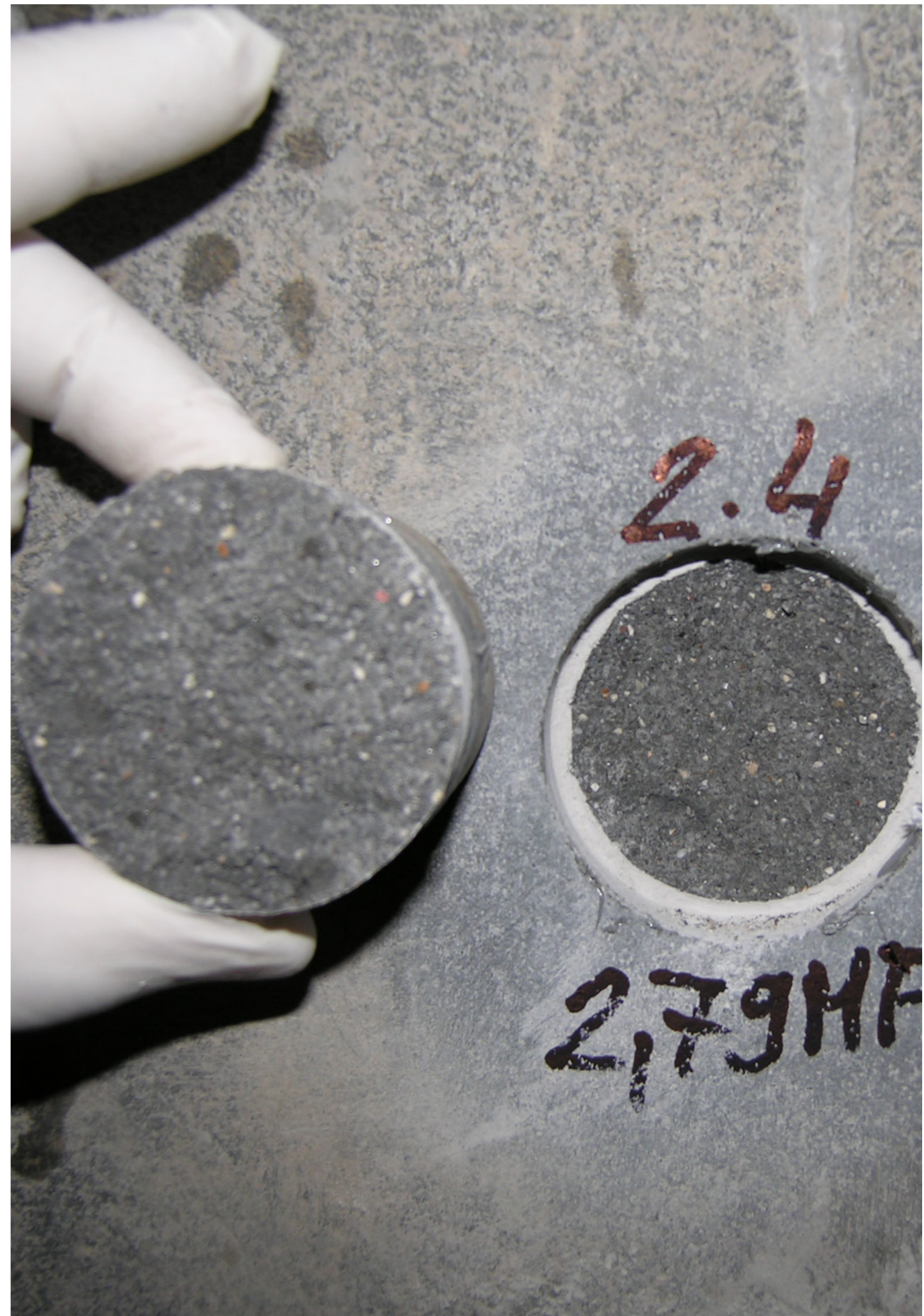
The Minostop series comprises single component dry powder cement blend based mortars, containing fillers and additives for repairing leaking substrates and structures

QUALITIES

Easy and fast repair grout to stop static and active water inflows

ADVANTAGES

- No machinery required
- Easy application
- Short curing times
- Excellent surface bond
- Can be applied on wet surfaces
- Rapid setting



KEEPING SEWERS FLOWING

SINCE 1882

SPEAK TO OUR EXPERTS

info.de@minovaglobal.com | +49 (0)201 809 83-763 | minovaglobal.com

