



meyer-POLYCRETE®

Our passion is long-lasting.



A STRONG PARTNER

WE KEEP THE FUTURE IN MIND

The future does not start only now. Since 1978 we at meyer-POLYCRETE have been developing future-oriented ideas for sewage disposal. Every day, our factory at Stendal delivers civil engineering products to all parts of Germany and to other countries.

Basically, we develop our products ourselves – with passion. They originate from the ideas of our customers and comply with the requirements of the world market – user-friendly and long-lasting, consequent and sustainable. Efficient and integrated systems made of corrosion-resistant polymer concrete.

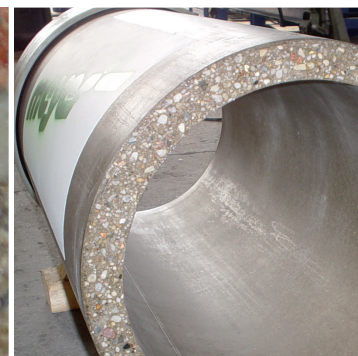
OUR PORTFOLIO:

- POLYCRETE® jacking pipes, sewer pipes and Manholes as a system
- POLYCRETE® sink shafts as receiving and passage shafts
- POLYCRETE® chamber constructions (polygonal, slab-type construction)

OUR EXPLICIT AIM:

Consequent future-orientation and practical solutions for sewage disposal – achieved by strong market orientation and continuous further development of our products. This is how we create a creative atmosphere where a strong team can elaborate sewage systems complying with our customers' requirements on a long term basis.





PROVEN HIGH PERFORMANCE

POLYCRETE® – THE IDEAL SEWAGE SYSTEM CONSTRUCTION MATERIAL

For decades, polymer concrete, also known as “filled reactive resin moulding material” has proven to be a construction material of high chemical and mechanical resistance in industry and pipeline construction. Due to efficient production processes, high-performance formulas, high-quality components and technically mature pipe connections, meyer-POLYCRETE has succeeded in launching polymer concrete with the name POLYCRETE® as multifunctional, efficient, corrosion-resistant and dimensionally stable material in the public sewage sector.

MATERIAL AND PRODUCTION

POLYCRETE® is resin-bonded concrete with the bonding being made by high-quality polyester resins only (without cement). The semi-rigid resin allows for tight bonding with pressure-resistant quartzite and high pressure and bending resistance required for the wide range of applications of the pipes in earth loads and live loads. Modern moulding technology ensures smooth surfaces and precise compliance with the connections dimensions that are the decisive factor for tightness – another reason for POLYCRETE® as a top product for economical channel materials with an extremely long life.





GOOD AND SAFE UNDERGROUND

POLYCRETE® JACKING PIPES

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The conditions for underground pipe jacking require nearly "supernatural" jacking pipe qualities: POLYCRETE® jacking pipes made by meyer-POLYCRETE are extremely corrosion-resistant and offer huge reserves of axial compressive strength and jacking force.

The particular properties and dimensions of pipes are laid down in the basic standard DIN 54815. The pipes comply with the international product standards EN 14636-1, ISO 18672-1 and ASTM D 6783-05.

Quality is monitored in accordance with the approval certificate of the Federal Railway Office and based on the General Approval of DIBt for POLYCRETE® sewer pipes by the Materials Testing Authorities of North Rhine Westphalia MPA NRW.

POLYCRETE® JACKING PIPES WITH KITE-SHAPED PROFILE

The kite-shaped profile especially developed for the City of Hamburg combines the advantages of the circular and oval profiles. Compared to the circular pipe, this pipe offers higher flow velocity in dry weather and thus better self-cleaning.





POLYCRETE® SEWER PIPES

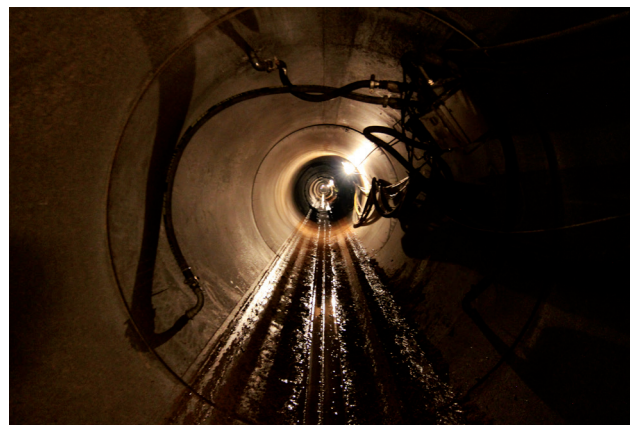
POLYCRETE® SEWER PIPES

Sewer pipes made of polymer concrete are extremely corrosion-resistant, diffusion-proof, bend-proof and very stable. With the pre-mounted GfK push-on couplings or integrated joint connection, the pipes are safely and quickly installed. Like all meyer-POLYCRETE products, they are subject to continuous further development and quality monitoring. They offer high operational safety for generations and are therefore extremely economical.



POLYCRETE® EGG-SHAPED PIPES

Egg-shaped profiles are especially used in mixed water channels in open construction. The advantages are obvious: low channel deposits due to higher drag forces in dry weather, essentially higher capacity reserves in rainfall, lower trench and load width, easier cleaning and better accessibility.





A SOPHISTICATED SYSTEM

POLYCRETE® SYSTEM MANHOLES

POLYCRETE® CHAMBER CONSTRUCTIONS

meyer-POLYCRETE chamber constructions and pipes made of polymer concrete are perfectly matched and form a corrosion-resistant, completely tight, maintenance-friendly and economical system.

POLYCRETE® SYSTEM MANHOLES

New production methods allow for complicated shaft constructions with most varied pipe connections, level drops, curved ducts and internal or external drop structures to be delivered to the building site for installation within just a few days. The material and wall structure of the POLYCRETE® system manholes made of polymer concrete completely corresponds to that of the pipes. The high material density increases buoyancy safety in the groundwater. The flume made of seamless POLYCRETE® is flow-optimised and comes with an extremely smooth low-maintenance pipe invert. All types of pipes can be connected to the base unit of the manhole, which is made in one piece, with the respective suitable fittings.



POLYCRETE® CHAMBER CONSTRUCTIONS

Oval and polygonal chamber constructions are pre-installed in the factory in any combination of pre-fabricated circular shell sections and plain slabs made of polymer concrete. The statically favourable constructions allow for relatively low wall thickness due to high material strength. This is how the outer dimensions and weight are minimised and even huge constructions can be transported and mounted economically and conveniently located.





TARGET-ORIENTED

POLYCRETE® SINK SHAFTS

PASSAGE AND RECEIVING SHAFTS FOR MICRO-TUNNELLING

POLYCRETE® prefabricated element shafts are installed in a lowering process especially in case of high groundwater levels in an economical way. These sink shafts are adjusted in detail to their function and installation position under consideration of the buoyancy safety.

As passage and receiving shafts, they provide an environmentally-friendly and economical solution for micro-tunnelling. As a producer with a comprehensive product range for tunnelling technology, we plan, design and produce passage and receiving shafts in the dimensions required for the respective machine technology.

It goes without saying that POLYCRETE® sink shafts can also be designed as pumping stations, fitting shafts or measuring stations.



KNOW-HOW



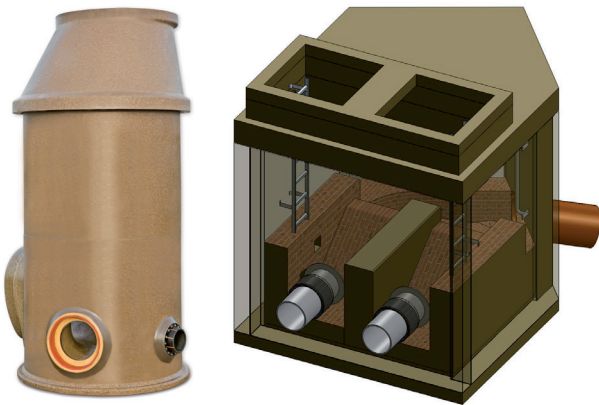
SKILLS, KNOW-HOW AND PASSION

We know what we are doing.

Since 1978, meyer-POLYCRETE has been producing pipes and shafts, first made of concrete and since 1988 made of polymer concrete. We are experts in mixing, casting mould and application technologies. From the raw material via the production machines to the finished product – all components are developed and designed by our engineers.

The constantly high production quality is ensured by our own quality management system. If not otherwise agreed with our customers, the product properties and dimensions comply with the requirements of EN 14636 „Plastic piping systems for non-pressure drainage and sewerage – Polyester resin concrete (PRC)“ and ISO 18672.

Third-party inspection in accordance with the quality and test regulations of Deutsche Bahn AG is done by the Material-Prüfungsamt [Materials Testing Authority] of North-Rhine Westphalia.



OUR PHILOSOPHY

meyer-POLYCRETE is the strong and efficient partner by your side. Already today, we develop the solutions for your tasks of tomorrow.

SERVICE

SERVICE

In addition to our comprehensive product portfolio, we also provide all services to be able to successfully implement your project, e.g. project-oriented product development, object-related static proof and design details, precise pricing and deadlines, on time deliveries and (if storage on the building site is not possible) also just-in-time deliveries.

At **meyer-polycrete.com** you will find detailed information on our company. News, current product information and detailed technical specifications are ready for download.

In a personal conversation or by telephone – our experienced technical advisors in the company and in our field service understand your requirements and elaborate substantial POLYCRETE® for your construction project. We will prepare an economical concept and an individual offer, including a time schedule.

We would be pleased to inform you about our services in detail – **we are looking forward to your visit!**





meyer-POLYCRETE GmbH

Hoher Weg 7

D-39576 Stendal

Phone +49 (0) 39 31 / 67 29 - 0

Fax +49 (0) 39 31 / 67 29 - 30

E-mail. info@meyer-polycrete.com

www.meyer-polycrete.com