



semper velox

VELOSIT is an innovative start-up organisation. We combine decades of experience in R&D, production and consulting for high performance construction materials which are fully conversant with modern construction techniques.

VELOSIT supplies the construction industry with state-of-the-art alternative solutions. Production „made in Germany“ stands for uniform quality to the highest standards.

Our mission is to make construction faster, easier and less tedious. VELOSIT products allow you to finish your project significantly faster without compromising on quality.

If you have questions - just give us a call!

We can individually tailor a suitable solution for you. Our service and technical support will gladly help.

**Service-Hotline**  
**+ 49 (0) 5233 - 95 17 300**

# Sewage Construction

VELOSIT offers a broad product portfolio for the restoration of sewage structures. A manhole can be finished from substrate preparation to the final coat in one day. There are even more impressive time savings possible on the rehabilitation of complete sewage treatment plants. And all this based on the project section without additional expenses compared to the traditional methods.

Depending on the project budget we can offer various system solutions on different quality levels. An aeration tank may be protected with a rigid, cementitious coating or with an even longer lasting, highly flexible polyurea coating.

# Restoration of treatment basins and tanks

## Manhole restoration

### VELOSIT MS 10.000

High strength, sulphate-resistant repair mortar for load bearing manholes. Used as a stand-alone solution for refurbishment of deteriorated surfaces. The product is especially suitable for machine application.

### VELOSIT PC 221

Rapid hardening, crystalline plug cement. Stops smaller water leakages in a few seconds and is ready to receive the following coat without waiting times.

### VELOSIT RM 203

Extremely fast trafficable repair mortar as a substrate for protective coatings. Ready for a coating with VELOSIT PR 303 after 90 min.

### VELOSIT PR 303

Primer for moist substrates and protective coating for substrates with limited mechanical loads. Resistant against biogenic sulfuric acid.

### VELOSIT SR 206/SR 207

Concrete repair mortar with increased resistance against chemically strong attacking conditions (class XA3 acc. EN 206).

### VELOSIT CW 111

Crystalline waterproofing slurry. Self healing effect for static cracks up to 0.4 mm and unsurpassed resistance against negative water pressure.

### VELOSIT WP 120

Crack bridging waterproofing slurry with good chemical resistance. Waterproofing of joints in combination with the joint tape VELOSIT DB 830.

### VELOSIT PU 403

Polyurea spray coating with exceptional mechanical properties and excellent chemical resistance. Suitable for many industrial sewage situations. Applied in combination with the moisture primer VELOSIT PR 303.

### ConShield

Concrete admixture that inhibits the growth of thio bacteria on the surface. Protects against corrosion through biogenic sulfuric acid. ConShield treated structures do not need further protection against biogenic sulfuric acid.

### VELOSIT CA 113

Crystalline and hydrophobic waterproofing agent acc. to EN 934-2 (Tab. 9). Concrete treated with VELOSIT CA 113 self heals static cracks of up to 0.4 mm width and offers increased resistance against aggressive environmental conditions.

### VELOSIT WS 801

Swellable waterstop for the treatment of construction joints between concrete pours. VELOSIT WS 801 swells even with sewage water containing elevated salt loads.

## New construction of sewage structures and pipes

