

Systematic Pipe Rehabilitation



Manual Rehabilitation

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resistance and long
thanks to



Before the rehabilitation



After the rehabilitation



Centrifugal shaft lining



*Shaft rehabilitated with FRP
and stainless steel ladder*



Leak proof and rehabilitated shaft with drop structure

The qualification

Our qualified and currently trained personnel are at any time at your disposal for a professional rehabilitation and so increasing the durability of your sewers and storm water structures. The conditions for the professional execution of the manual rehabilitation work are proofs of authority held by the company such as e.g. «SIVV» (protection, repair, connection and reinforcement of concrete elements) and laminating certificates. It goes without saying that our company cares for safety engineering and training.

The field of application

The manual rehabilitation method used by D&S comprises any concrete or brickwork element in contact with the earth such as shaft structures, special structures, separators and egg-shaped or circular type sewers \geq DN 800.

The possibilities

Damage in inspection shafts and accessible sewers can be reliably and professionally eliminated with the rehabilitation method according to the guidelines of "SIVV". The systematic preparation of the surface is a further quality feature. Our offer comprises the:

- rehabilitation of cracks and joints
- rehabilitation of holes and missing wall parts

durability
real manual work



Groundwater ingress at shaft connection



Pipe socket before the rehabilitation



Pipe socket after the rehabilitation

- rehabilitation of leaky, loose and non-professional pipe joints, sleeves and pipe laterals
- mineral coating (PCC) of shaft structures
- lining of shaft structures with artificial resin
- rehabilitation/renovation of shaft channels and berms
- sealing against groundwater with the injection method

- lining with FRP or ceramic elements
- installation/replacement of relevant safety construction elements such as step irons, stirrups and cat ladders

It goes without saying that our company observes the guidelines of "SIVV" when preparing the surface for the rehabilitation.

The advantages

The advantages of the trenchless rehabilitation with PCC mortars, artificial resins and injections are evident right from the beginning of the execution. Excavations and replacements are unnecessary and the impairments for residents as well as for pedestrians and road traffic are kept within a limit. A quick construction progress satisfies as much as the manageable costs of the rehabilitation. The finished product excels by its high resistance against chemical and mechanical stress and a long durability.



- BlueLine Procedure
- Burst Lining
- Cement Mortar Lining
- Compact Pipe
- CP-ZA 2012-Top-Hat Profile
- DS-CityLiner
- DS - Hose Relining
- DynTec (close-fit-lining)
- Flexoren Relining
- House and Industry Liner
- Installation Procedures/ Large Profile Rehabilitation
- KA-TE Robotics
- Manual Rehabilitation
- Partial In-Liner
- Pipe Relining (long pipe, short pipe and pipe run)
- Polyester Liner
- Superheated Steam Liner
- UV Liner
- and other procedures

www.dus-rohr.de

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