

Systematic Pipe Rehabilitation



DynTec (close-fit-lining)



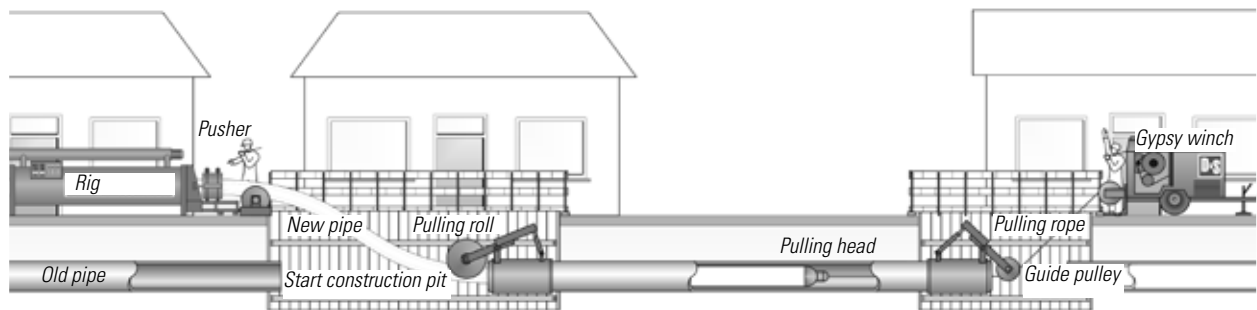
trenchless laying of the solution



Pulling head



Rig



The product

DynTec is a procedure (DVGW work sheet GW 320-2) where standard PE pipes are temporarily and uniformly reduced in diameter on site and inserted into the existing old pipe.

The field of application

DynTec is a trenchless procedure for installing a new pipe. It is most suitable for the elimination of internal corrosion and the repair of leaks, the improvement of corrosion resistance and the increase of nominal pressure as well as for the renovation of gas, water and sewage pipes being at risk of breakage and collapse. Depending on the technical capacity of the reducing device, pipe lengths of up to 1 000 m with nominal diameters between DN 80 and DN 1 200 and pressure stages between SDR 33 and SDR 11 can be realised.

The installation

In order to reduce the diameter of the PE pipe run, it is drawn through a conical swage ring – this is a cold process or is facilitated by the controlled addition of heat. Once installed, the material is automatically expanding which leads to a close-fit connection with the old pipe. The DynTec procedure does not show the annular gap, which is typical for other relining methods.

a new pipe
for your rehabilitation



DynTec rig and pipe run

Start pit for DynTec DN 700

The advantages

The fact that the PE material regains the inside diameter of the old pipe allows the maximum utilisation of the existing cross section. Depending on the length of the section and the diameter of the pipe, rehabilitation work can be finished within one or two days. After the pressure test, the connection with the existing network is carried out by using standard formed parts.

The result of the rehabilitation using the DynTec procedure comes up to the installation of a statically self-supporting new pipeline. Due to the fact that the new pipe forms a close-fit connection with the old pipe wall, there is hardly any reduction of

cross section. The economic efficiency results from the low construction costs and the short construction time. The rehabilitation takes place without any considerable impairment of residents, road traffic and environment.



- 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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