

SAERTEX® multiFlex System



Never miss a connection again – thanks to the first invertible GRP-Liner worldwide for the trenchless rehabilitation of house-connections.

SAERTEX
multiCom®

PROCESS

Safety and quality are, of course, the priorities when it comes to an on-site impregnation. We can guarantee this by connecting the SAERTEX® multiFlex GRP-House-Connection-Liner with the easy to process two-component EP resin SAERTEX® multiFlex EP 80.



Impregnated SAERTEX® multiFlex

The process is easy and fast: The two-component epoxy resin SAERTEX® multiFlex EP 80 is mixed at the job-site, introduced to the vacuumed GRP-House-Connection-Liner, and then evenly distributed by a calibrating-roll. The SAERTEX® multiFlex GRP-Liner impregnated with epoxy resin is turned inside out in the old pipe (inversion process) by air or water pressure so that the impregnated side is pressed onto the wall of the old pipe. The house connection is immediately ready for use once the impregnated GRP-Liner has cured.

EXPANDED APPLICATIONS

The SAERTEX® multiFlex Cap-Liner offers an additional application of the system where a pre-installed end-cap allows an open-end installation with a closed-end. In addition to the optimal results, the application also delivers savings in time and materials that make it significantly more economical than conventional open-end installations.

RESULTS

Our installers confirm that the SAERTEX® multiFlex System is also the right product for extraordinary conditions. Bendability, lateral expansion and wall thickness stability - even with change of dimensions - as well as high mechanical properties and short installation times - next to excellent installation results - speak in favour of the system.



Left: SAERTEX® multiFlex change of dimensions DN 150 – DN 200
Right: SAERTEX® multiFlex double-45°-bend



PROPERTIES

- DIBt-approval Z-42.3-518
- Invertible ECR-Glass-Liner (DN 100 to DN 300)
- Optimal wall thickness stability (including after expansion)
- Bendability 90°
- Reduced wrinkling in inner bend area
- High mechanical properties
- No longitudinal strain
- Maximum lateral strain 35% (change from DN 150 to DN 200 possible)
- High temperature resistance (steam curing possible)
- Open-End-Installation with closed-end optional possible - (SAERTEX® multiFlex CAP-Liner with a pre-installed stabilizing end-cap, patent no. 10 2010 002960, IPC F16L55/1645)

SCOPE OF DELIVERY

Delivery of the SAERTEX® multiFlex System includes the GRP-House-Connection-Liner made of ECR-glassfibre-cord matched to your project as well as the bundle of SAERTEX® multiFlex EP 80 two-component epoxy resin for impregnating the SAERTEX® multiFlex on-site.



Top left: SAERTEX® multiFlex dry product
Top right: SAERTEX® multiFlex EP 80 resin & hardener
Below: SAERTEX® multiFlex CAP-Liner (optional) in ready-for-use length

CONTACT

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