

Project F238: Infiltration tightness at materials changeover and transition points



Is it possible to repair damage like this infiltration-proof?

Comparative investigations performed at material changeover points are to be used to draft independent and impartial information on the infiltration tightness, installation and operational quality of repair procedures for sewer laterals. The refurbishing of such laterals is, in practice, frequently performed in conjunction with the refurbishing of main sewers, by means, for example, of CIPP liners, and this application is therefore of particular interest for comparative tests and analyses. Large-scale tests on a 1:1 scale are planned.

Essential acceptance criteria for “infiltration tightness” have already been evolved, and an informationally useful and practically orientated test programme for comparative tests at material changeover and transition points drafted, during an initial phase of this research project.

Project title

“Analyses of infiltration tightness at material changeover/transition points for support of development work;
Phase II: Comparative analyses at material changeover and transition points”

Project management

IKT - Institute for Underground Infrastructure

Project participants

Institute of Hydrosciences, Water Resources Management and Resources Engineering, University of the German Federal Armed Forces, Munich

Client

Ministry for Climate Protection, Environment, Agriculture, Nature Conservation and Consumer Protection of the German State of North Rhine-Westphalia (MKULNV)

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