

# Samples from CIPP renovation sites

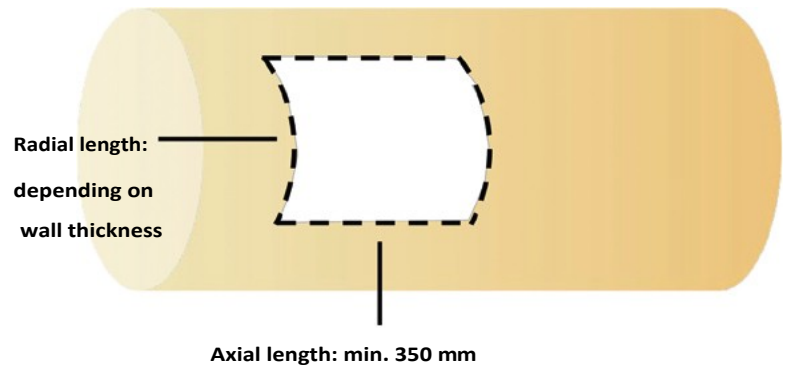
## Withdrawal

### Main sewer, larger dimensions

In the case of a nominal diameter of  $> 200$  mm, the construction site sample is taken **as a section of the component** (see illustration).

If the nominal diameter is smaller, it may be taken as a pipe sample. The length in axial direction is at **least 350 mm**.

The length in circumferential direction must correspond to **20 times the wall thickness**. The site sample is cut out of the pipe in the circumferential direction. In the laboratory it is cut into several specimens.



Interior view of a pipe with cut-out sample



For small nominal diameters a pipe section can be taken

### Sewer lateral lining

- Remove the material from an accessible area of the hardened liner using a drilling bit (2 cm for DSC analysis, 5 cm for DMA analysis). The old pipe should be undamaged at this point.
- Always **seal** the sampling area **properly** (e.g. with an epoxy filler).
- If it is not possible to take a sample from the pipe, an **extension of the liner** must be made from which the sample is to be taken. The diameter, wall structure and wall thickness must correspond to the installed liner.



Sample from core drilling

For further information, please refer to our handout "Testing of sewer lateral liners".

# Samples from renovation sites



## Packaging, labelling, shipping

### Packaging

For UV-cured samples, please ensure that the samples are light-proof wrapped in a UV-absorbing foil while still in the manhole (black foil or aluminium foil).

A detailed sample accompanying certificate form with multiple sections for data entry, including sample identification, collection details, and testing parameters.

### Labelling

Clearly identify and mark (sticker or pen) and fill in the sample accompanying form.

→ [siebert-testing.com / downloads](http://siebert-testing.com/downloads)

### Monitoring of sample collection by Siebert + Knipschild

You can commission us to monitor the sample collection. Make an appointment with us or with one of our branches. Night-time sample collection is also possible.

or

### Organize sample collection and shipping yourself

You organise the sample collection yourself and send us the sample directly via a delivery service of your choice. Depending on the type of order, a parcel service commissioned by us is available to you free of charge.

## Your contact persons



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