



Lime deposit in tunnel constructions

The purpose of hardness stabilization



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Origin of calcification

Whether in the kettle or tunnel:
Natural and artificial enrichment and depletion caused by mixed water.

Possible causes:

- Building materials
- Mountain water
- Natural lime deposits in rock



The Problem

- Drainage system blocked
- Permanent damage to the drainage system and building
- Massive impairment of operation and safety



Bild 1: Massive, harte Kalkablagerungen nach acht Monaten

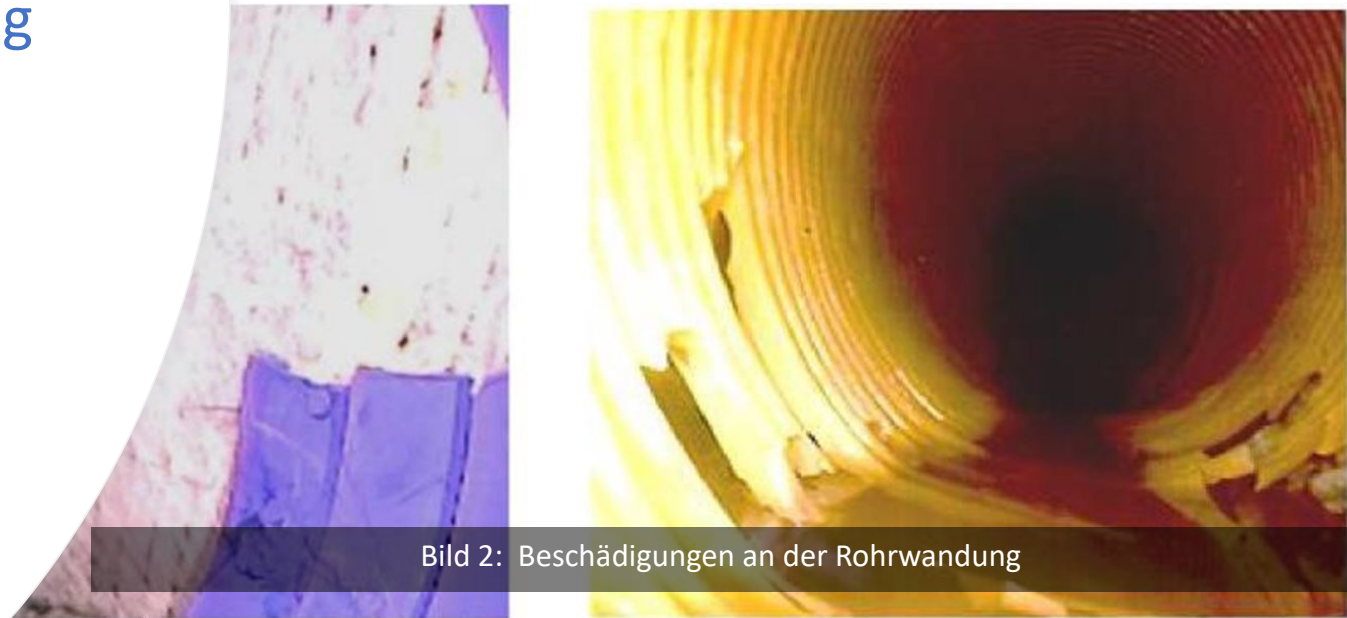


Bild 2: Beschädigungen an der Rohrwandung

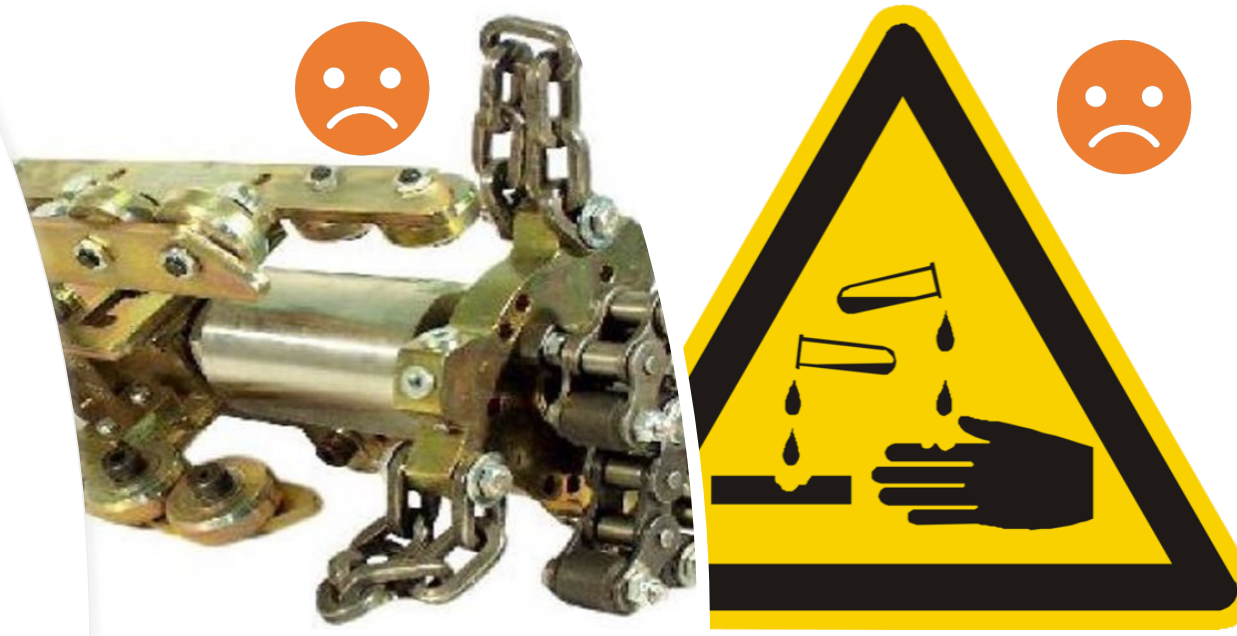
Possible solutions

- Mechanical (chain spinner, milling machine)
- Chemical (acid)
- Biochemical (Baypure[®] DSP)



Negative consequences

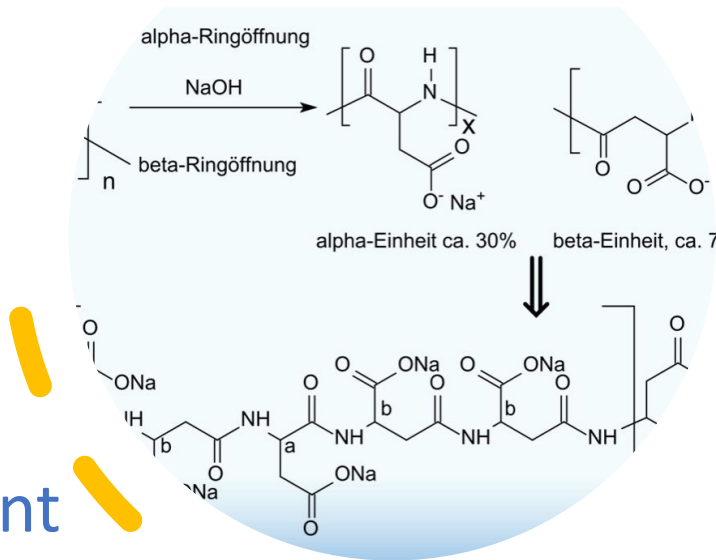
- Mechanical: costs, damage
- Chemical: Environment, Damage
- Biochemical: none



How does Baypure® DSP work?

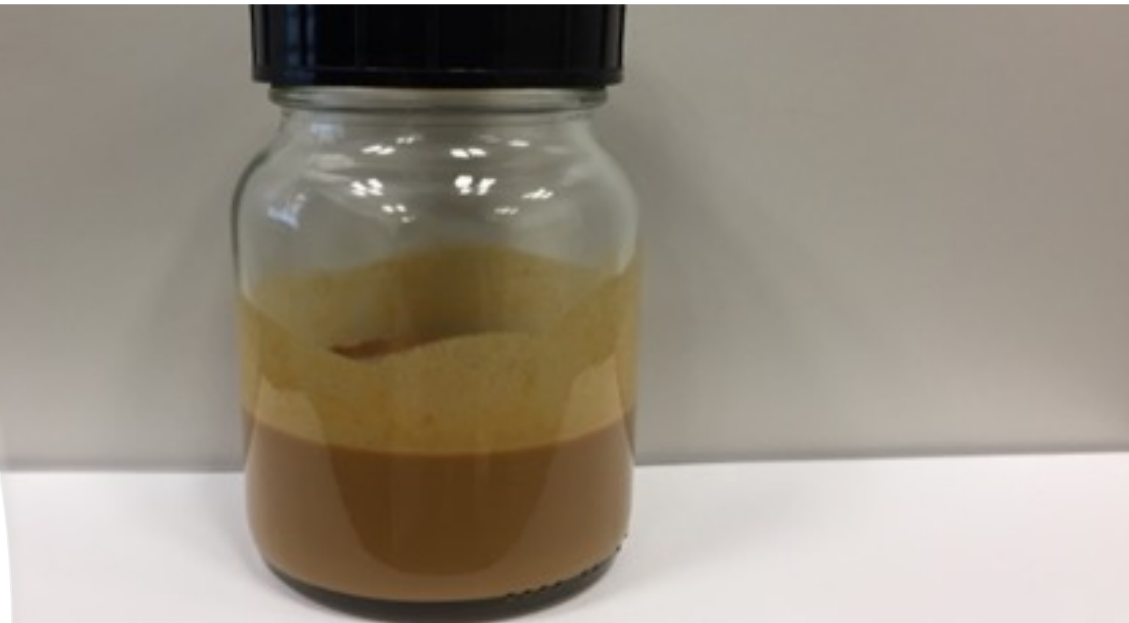
Polysuccinimide – Stabilizing agent based on nature-identical raw materials

- Normal crystalline nature = hard
- During conditioning condition = soft



Product types

- Baypure DSP 200 S (hoses)
- Baypure DSP 200 N (nets)
- Baypure DSP 200 L (loose material)
- Baypure DSP 200 Slurry (liquid dosing)



Advantages

- Environmentally friendly sustainable
- Cost savings
- Gentle on the building substance / pipe material
- Self-dosing
- Applicable for already existing incrustations

