

## Solutions

- Reactive resins if rapid stabilization is required
- Silicate resins of different viscosity and strength – adapted to the grading curve of the soil; cavities/voids
- PU resins with different foaming behavior – adapted to the „hydrodynamic conditions“
- Acrylate gels and silicate systems for penetration stabilization
- Hybrid systems for backfilling and stabilizing cavities/voids and for pile installation
- Gluing/bonding of mechanical safety systems (piles, anchorages, pegs)



WEBAC® PURseal for ballast consolidation

## Further information

In the **download area** at [webac-grouts.com](http://webac-grouts.com) you will find further information on our products.



Check back from  
time to time –  
do not miss any  
news!

[webac-grouts.com](http://webac-grouts.com)

# WEBAC®

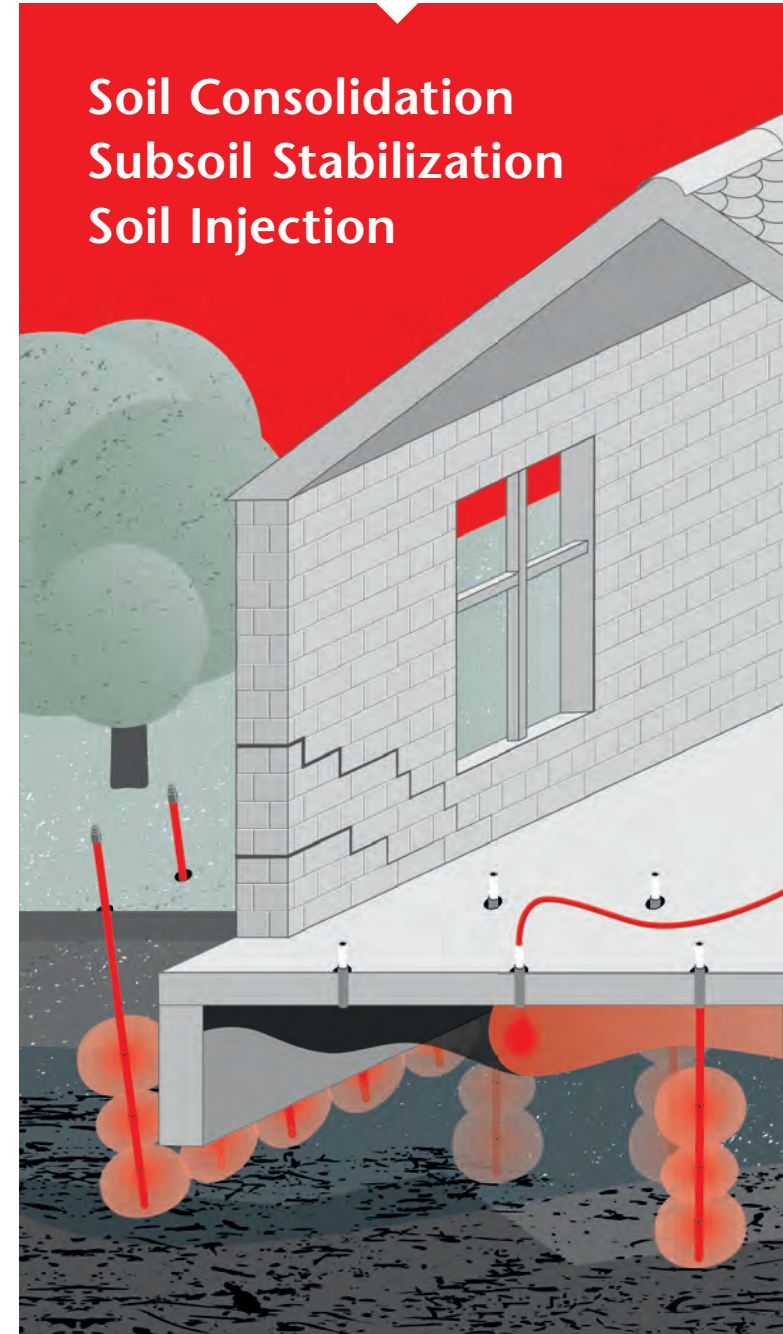
## Our Formula – Your Solution

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# WEBAC®

## Soil Consolidation Subsoil Stabilization Soil Injection



Take advantage of our years of experience and the WEBAC quality products for your success.

Any questions? Contact us!

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**Extreme weather conditions** – great wetness/floods and long dry periods – disturb the natural equilibrium moisture and the structure of many water-permeable soils.

This leads to undermining, cavities/voids, gaping cracks, crevices and settlements.

Foundation soil, slopes and earth walls lose their stability, buildings sag and crack.

Depending on the type of damage, the **stability and load-bearing capacity of the substrate must be restored.** This includes:

- Filling/stabilizing cavities/voids/voids
- Increasing soil cohesion
- Dam and slope stabilization
- Displacement and sealing against in-situ water (under pressure/in flow)
- Post-construction foundation laying
- Lining/injection of floor slabs

**In practice**, soil injections are used, often in conjunction with injected ram injection lances and soil nailing.

Our injection systems with a wide range of material properties allow a partial elastic deformability of the injected substrate as well as the rebuilding of a solid, stable base.



Application of WEBAC polyurethane foam resins

## Areas of application for different reactive resins according to soil grading curves

