

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 you will find further information on our products.



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

webac-grouts.com

WEBAC®

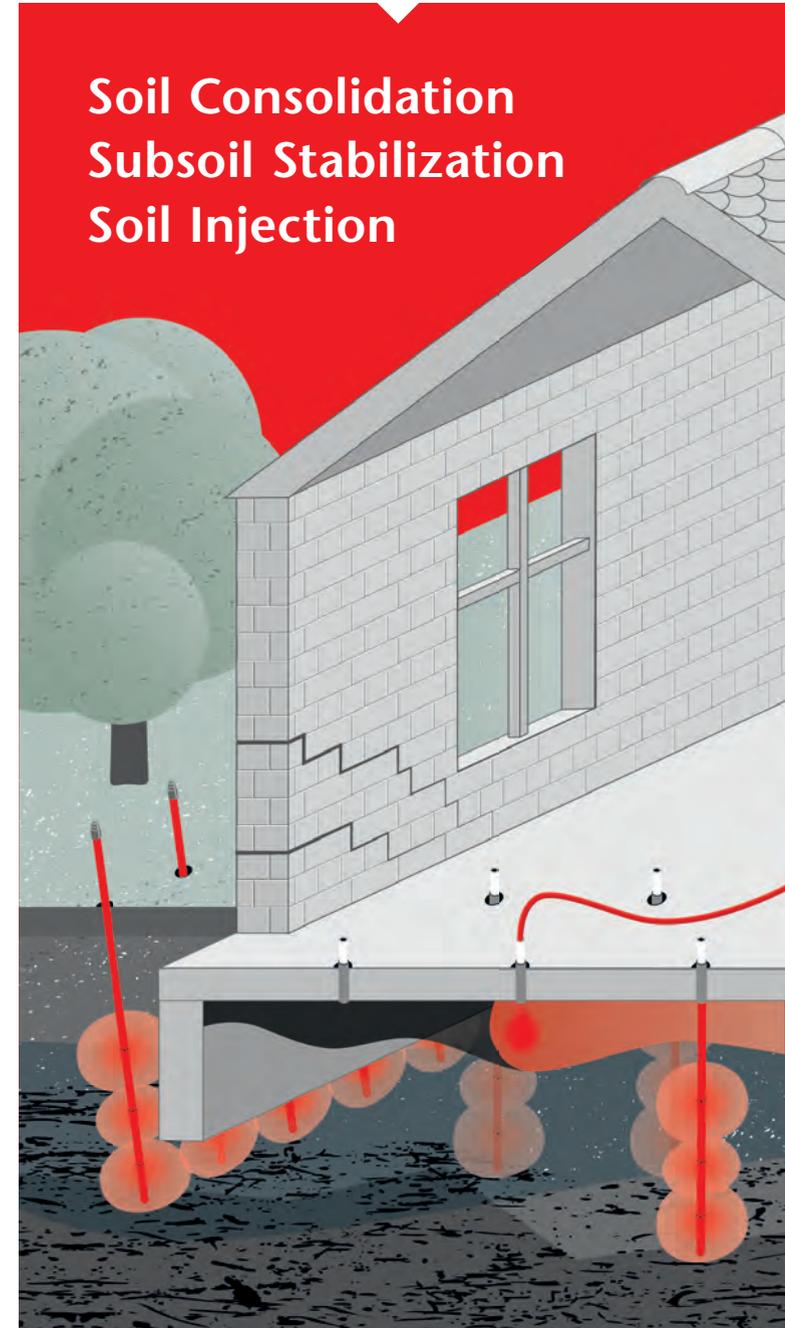
Our Formula – Your Solution

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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

