

Advantages at a glance

- 90 day hydration process: next to no cracking with binder from up to 14%
- During the hydration process, long crystal needles are formed, allowing very high bearing strengths
- With a binder content of >10%, after 1 to 2 days values of at least 150 MN/m² can be attained, and can continue to increase for up to 90 days
- The stabilized layers show low bending tensile strength.
- Concrete anchors may be installed
- Water does not penetrate, nor any other fluid, into the stabilized layers, guaranteeing safety from frost
- Low clean up costs at accidents involving leaked noxious matter, as liquids remain on the surface (no absorption)
- Longer lifespan as it is water-resistant, and increased acid and salt resistance
- Lifespan can be prolonged by laying a thin wearing course
- No problems with loamy or clayey soils containing high levels of sulphur associated with high cement content
- Grainy sands or organic material can be reinforced
- Soils with high levels of salt can be stabilized
- Stabilizing contaminated soils is possible
- No problems from frost, thaw or changes in conditions, as water resistant base courses may even be constructed from in-situ soils
- Stabilization measures can be customised and adapted to particular soil conditions
- Repair work and maintenance can be significantly reduced
- Restoration of surfaces to original condition is possible