



PFEIFER

Slope Stabilization System

Less deformation,
better performance

PFEIFER Slope Stabilization System

Less deformation, better performance!

For decades, we have been inspiring our customers with pioneering innovations. We are now the first supplier to present a certified slope stabilization system using high tensile hexagonal double-twist mesh.

Innovation by PFEIFER

- The innovative wire mesh with optimized geometry offers the best strength-to-weight ratio on the market. With a load-bearing resistance of min. 175kN/m, deformations are minimized and the slopes are reliably secured
- Product-optimized connection clips developed by PFEIFER guarantee a resilient connection of the 3 meter wide mesh panels

Short-term availability even of large quantities!

Double certified safety for your individual project

- The PFEIFER Slope Stabilization System complies with the ETA according to two EAD standards and is CE-marked
- System dimensioning is carried out according to recognized calculation methods free of charge via your PFEIFER sales representative or via commercial geotechnical software (e.g. Geo5).

Cost efficiency thanks to advanced system design

- The PFEIFER Slope Stabilization System is compatible with standard quadratic anchor plates - this reduces the initial cost without compromising the load bearing capacity of the system
- The low weight promotes an easy and quick installation on site, thus reducing the installation costs.

Sustainability in balance with nature

- Components made of high-tensile steel wire with ZnAl class A corrosion protection layer ensure a long service life, optimizing maintenance efforts and costs
- The high load bearing capacity of the system allows efficient use of the anchorages - existing vegetation is preserved as far as possible
- The mesh blends in perfectly with nature, stabilizes the subsoil significantly and is almost invisible after greening



Impressive:
Video of the installation of the PFEIFER Slope Stabilization System



Components and technical setup

Slope Stabilization Mesh

Our slope stabilization mesh combines the advantages of hexagonal wire mesh and high-tensile steel wire. Thanks to its hexagonal **double-twist structure**, it offers the best strength-to-weight ratio on the market.



Anchor plates

Fixing to the anchorage in the ground is achieved using two alternative anchor plates made of hot-dip galvanized steel: the **PFEIFER Turtle Plate** for demanding applications or the **standard quadratic plate** for most projects.



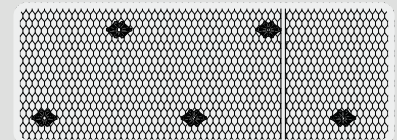
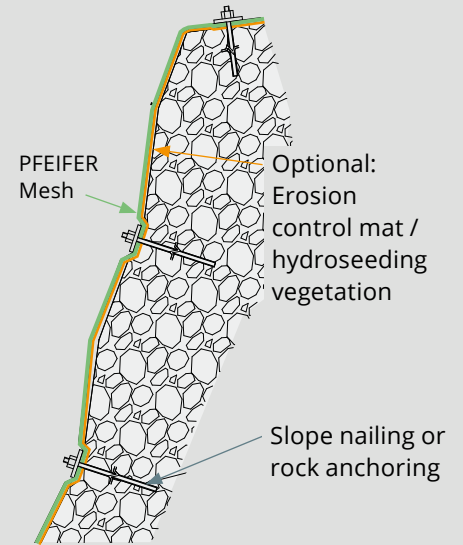
Connection clips

Connection of the wire mesh panels with **high-tensile steel clips** developed by PFEIFER that guarantee easy and quick installation on site.

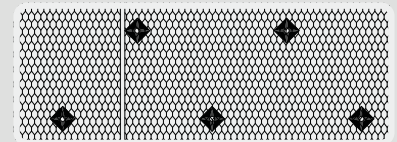


Additional elements

Such as border ropes, shackles, etc.



Anchoring with PFEIFER Turtle Plate



Anchoring with standard quadratic plate



Connection without overlap



Connection with overlap

Link to download center:





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