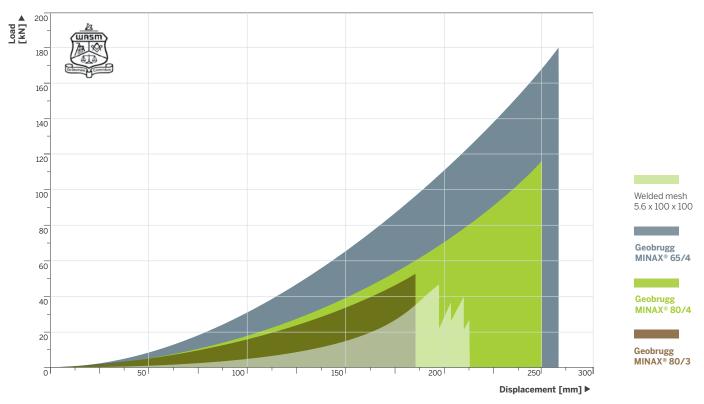


WHERE SAFETY MEETS ECONOMY.

Graph based on results of quasi-static tests made by the Western Australian School of Mines (WASM):

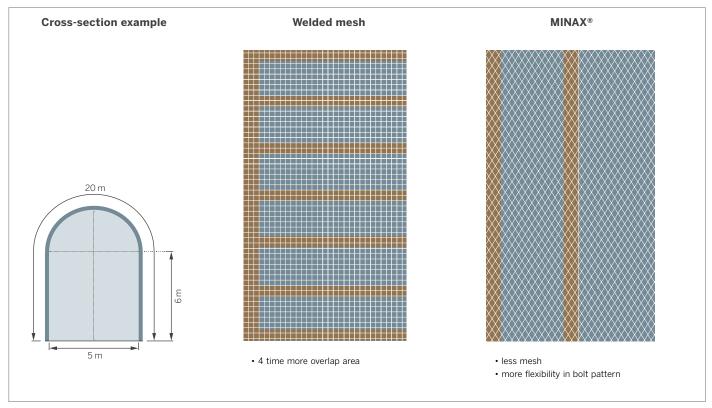
MINAX® mesh with a wire tensile strength of 1770 N/mm² can carry very high static and dynamic loads.

Performance: More load with MINAX® meshes



Less overlap, greater savings

Larger panels/rolls result in a more homogenious surface support and hence in less potentially weaker seams.



MORE THAN JUST MESH - WE ARE YOUR TECHNOLOGY PARTNER.

We support you in finding the optimal solution for your mine. Whether through designing a solution, through realistic tests or through innovative accessories that take efficiency to a completely new level like for example with the mechanized unrolling device MESHA®. It is especially designed to install our high-tensile mesh fully mechanized in one working process. The solution requires minimum manual handling for installation; with miners not being exposed to the unsupported ground.

Mechanized installation



Above: MESHA® can be retrofitted to any multi-boom bolter.

Right: Using the MESHA® handler, mesh can be installed significantly faster than manually or with sheet meshing in the underground environment.



Cutting-edge test facility

Our test center enables us to simulate and investigate in detail the application of different surface support solutions under rock-burst conditions.







The MINAX® mesh is made from high-tensile steel wire with a minimum strength of 1770 N/mm², which has three times higher tensile strength than mild steel sheet or chain-link mesh and is characterized by high mechanical resistance, energy absorption capability and durability. We provide MINAX® with tailor-made corrosion protection, taking into account your specific mining conditions.

Innovative



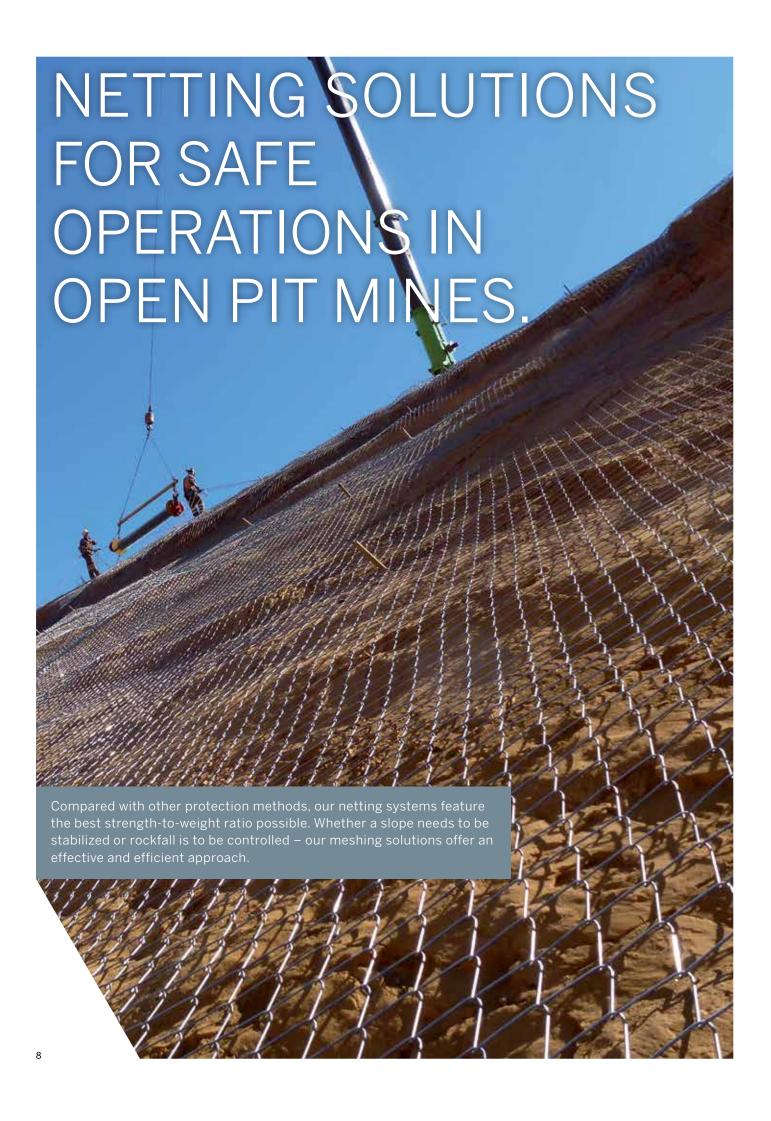
MINAX® and its system components are specially designed for surface support.



Always ready for your request

Geobrugg's global network enables local availability of our products. With close proximity to our customers, we produce mesh on four continents. This not only offers top quality at a very attractive price, but also reduces the logistic expenditure, enables short delivery times and provides flexibility to adjust the level of capacity to customer needs.





SLOPE STABILIZATION.

TECCO® and/or SPIDER® netting solutions, designed with Geobrugg's RUVOLUM® dimensioning tool give you the freedom to optimize the nailed stabilization for every kind of slope. Net rolls are rapidly and simply installed due to easy unrolling and the non-overlapping linking of the netting panels using our connecting clip. The pre-tensioning of the high-tensile nets leads to an active slope stabilization that prevents any bulging of the installation.



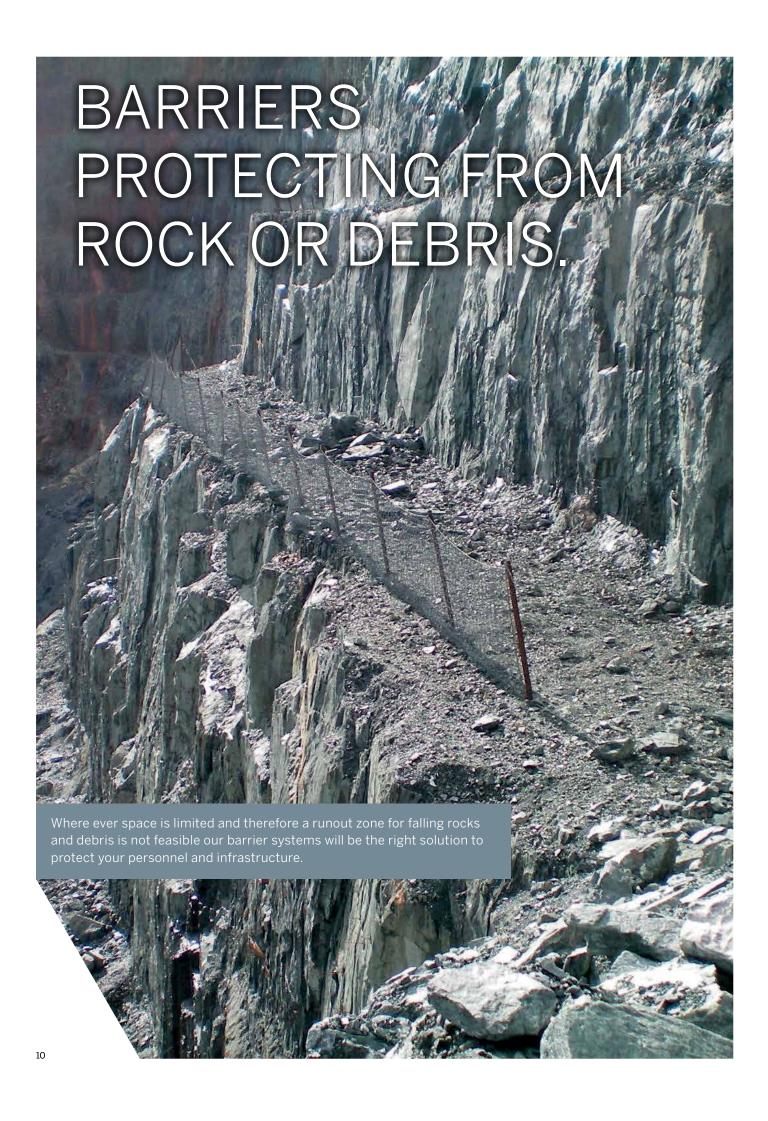
Above: SPIDER® net is made from a spiral steel rope and secures loose, blocky rocks, rock spurs, overhangs or unstable rock formations.



DRAPES - SAFE AND ECONOMICAL ROCKFALL CONTROL.

Rockfall drapes made from hightensile steel wire nets and meshe control rockfalls under the drape and guide them into the deposition zones, safeguarding the protected asset. The small aperture of our mesh types means no secondary mesh is required. Due to the low installation costs, our rockfall drapes are perfect for use over large areas. The mesh type required will mainly depend on the design block size. We are happy to assist you with your design.





ROCKFALL BARRIERS.

In open-pit mines flexible rockfall barriers are installed to effectively protect miners, equipment, access roads, tunnel portals and buildings. In addition to the highest value – to protect your employees – unplanned interruptions can also be avoided.



LANDSLIDE BARRIERS.

Our flexible shallow landslide barriers's low deflection levels allow installation of systems close to the object requiring protection.

As this solution is often used in terrain exposed to rockfall, it is also designed and tested for rockfalls with impact energies up to 500 kJ.



AVALANCHE AND ROCKFALL PROTECTION.

The flexible avalanche prevention structure SPIDER® Avalanche offers a robust, easy to install solution with long durability. Compared to conventional protection systems, this solution offers a decisive advantage; during snow-free periods, it also protects against rockfall with impact energies up to 500 kJ.







