

THE SAFE AND ECONOMICAL WAY TO GUIDE ROCKFALLS

Rockfall drapes made of high-tensile steel wire

Wherever roads, railway lines or other infrastructures need to be protected against rockfall our drapes made from high-tensile steel wire nets are a perfect economical solution. They allow rockfalls to be controlled and guided into the deposition zones.

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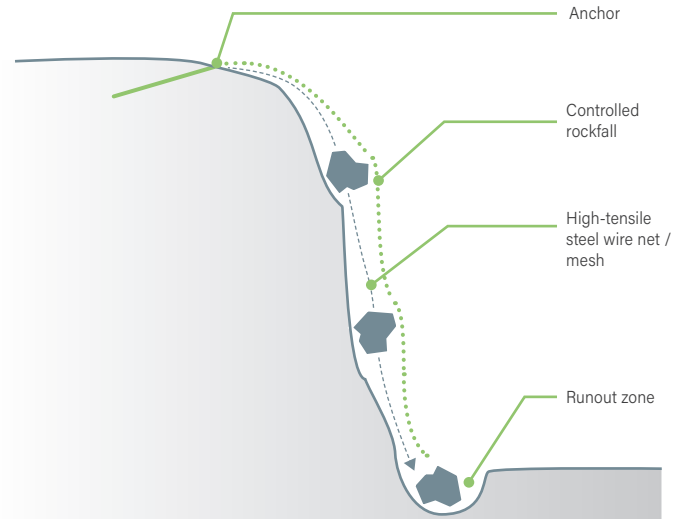
Safety is our nature

High efficiency - reliable safety

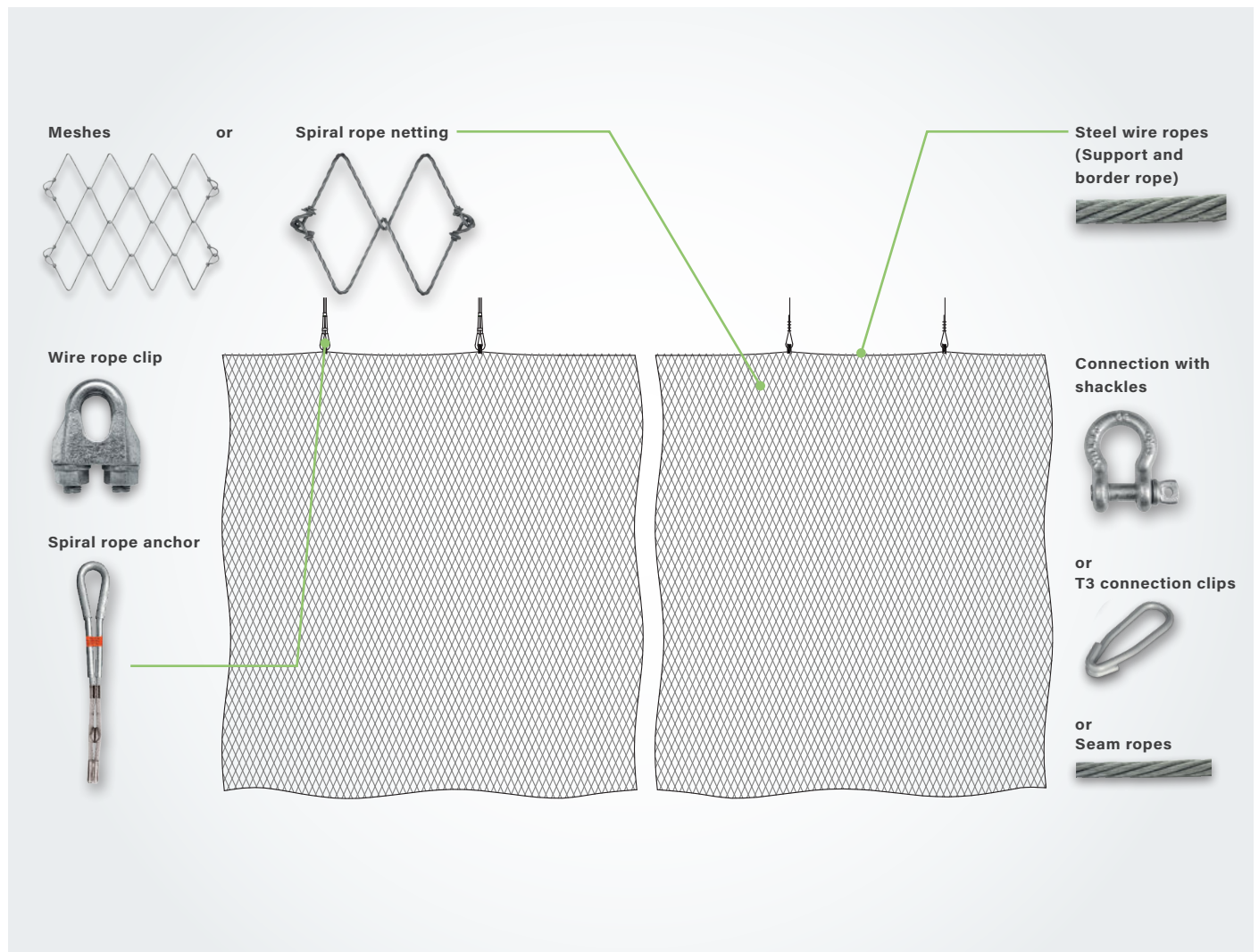
Controlled rockfall for even very high slopes

Over the crest of the rock face spiral rope anchors are used to fix the support rope. For example TECCO® or SPIDER® panels are connected to the support rope and hung over the rock slope. Rockfall events are controlled underneath the durable mesh and are safely and reliably guided into the designated runout zones.

Depending on local conditions our TECCO® rockfall drape is suitable for rock slopes up to a height of more than 100 m and incidents of several cubic metres. All mesh types are made from high-tensile steel wire with a strength of 1770 N/mm² offering the required resistance and flexibility.



Basic components of Geobruigg rockfall drapes



Quality you can rely on

Our flexible meshes and nets made out of high-tensile steel wire are the ideal products for rockfall drapes. The wire is extremely durable against mechanical stress, while

at the same time the mesh is sufficiently flexible to absorb impacts. These properties allow the mesh to be hit by falling rocks without any serious damages.



Our rockfall drapes - your advantages

High-tensile steel wire

Durable thanks to high resistance: Our nets and meshes have a wire tensile-strength of over 1770 N/mm² and can withstand high dynamic loads without big deformation.

Full system tested

The performance and behavior of the rockfall drape can be fully calculated with all its components, as it has been extensively tested as a complete system.

Corrosion protection

Our systems are designed to last for generations and require very little maintenance. For particularly demanding environments we offer our products also in stainless steel.

Matching mesh to the rockfall intensity

Optimum cost/performance ratio, as the required protection can be achieved with different netting such as with TECCO® meshes whose small aperture means no secondary mesh is required.

Easy installation

Our meshes and nets have an excellent strength to weight ratio and are easy to transport. They allow easy unrolling for a quick and simple installation. Even high slopes/faces are protected with minimal impact to the natural environment and minimal carbon footprint.

Approval

ETA approval with CE mark according to EAD230025-00-0106.

WE DON'T LEAVE SAFETY TO CHANCE

Field and laboratory tests provide the basis for a safe dimensioning and design, which in turn ensures the expected behavior of the solution. com.

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