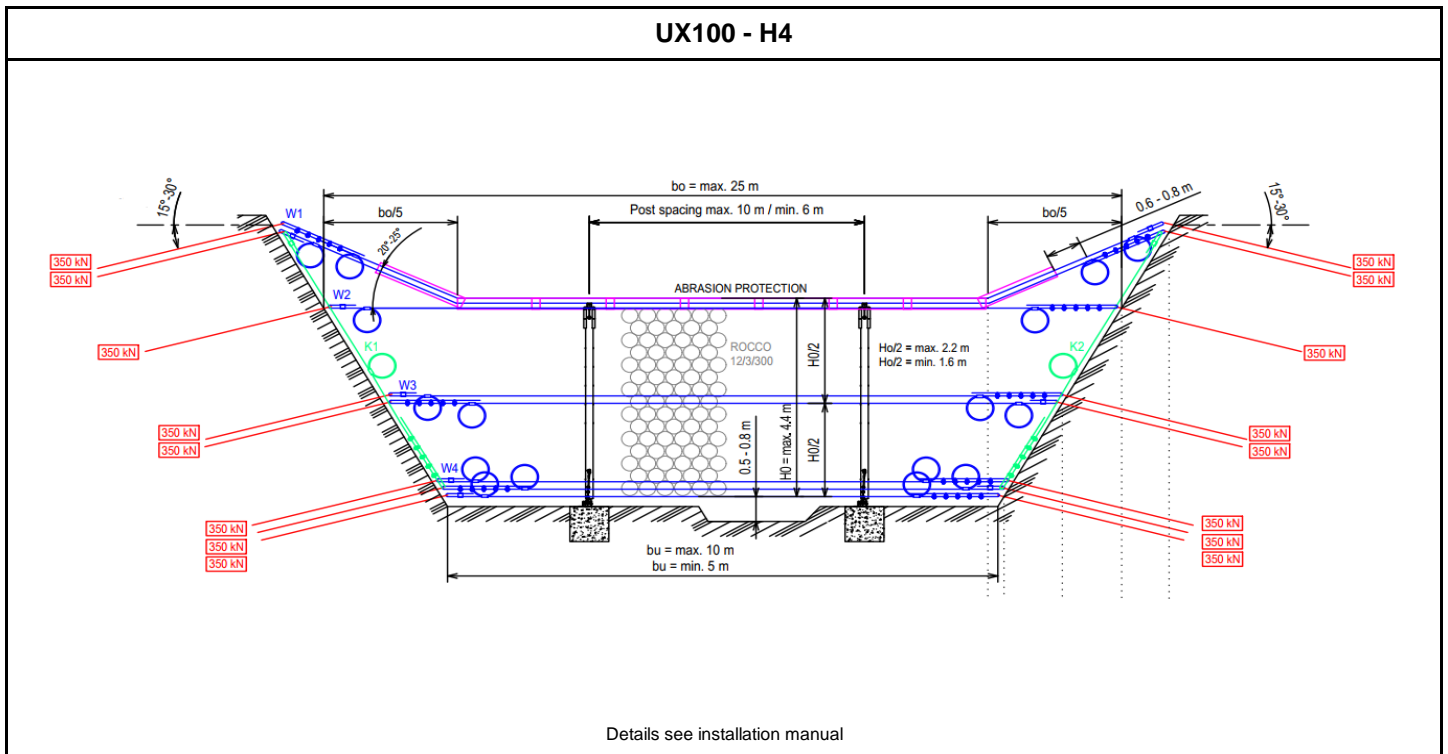


TECHNICAL DATA SHEET

Debris flow protection barrier UX100 - H4

| Certification details | | System Specification | |
|---|-----------------------------|---|-----------------|
| System drawing no. / Rope assembly no. | GD-1005.1 / 1005.2 / 1005.3 | Top width max. | 25 m |
| Dynamic pressure resistance | 100 kN/m ² | Bottom width (min. / max.) | 5.0 m / 10.0 m |
| WSL test report | WSL 31.10.2010 | Post spacing (min. / max.) | 6.0 m / 10.0 m |
| European Technical Assessment (ETA) | ETA 17/0274 | Standard height (others on request) | 4.0 m |
| Certificate of constancy of performance | 1301 - CPR - 1288 | Rope spacing horizontally (min. / max.) | 1.6 m / 2.2 m |
| Test procedure / Verification | Simulations WSL | Mesh type / Net type | ROCCO® 12/3/300 |
| Tested heights | 4.0 m | Characteristic working load pressure anchor | 200 kN |
| Overflow considered / Multilevel approved | Yes | Characteristic working load tension anchors | 2 x 200 kN |
| Rockfall performance (Simulations WSL) | Yes | Post type | HEB 200 |



Rockfall, slides, mudflows and avalanches are natural events and therefore cannot be calculated. This is why it is impossible to determine or guarantee absolute safety for persons and property with scientific methods. This means that to provide the protection we strive for, it is imperative to maintain and service protective systems regularly and appropriately. Moreover, the degree of protection can be diminished by events that exceed the absorption capacity of the system as calculated to good engineering practice, failure to use original parts or corrosion (i.e., from environmental pollution or other outside influences).