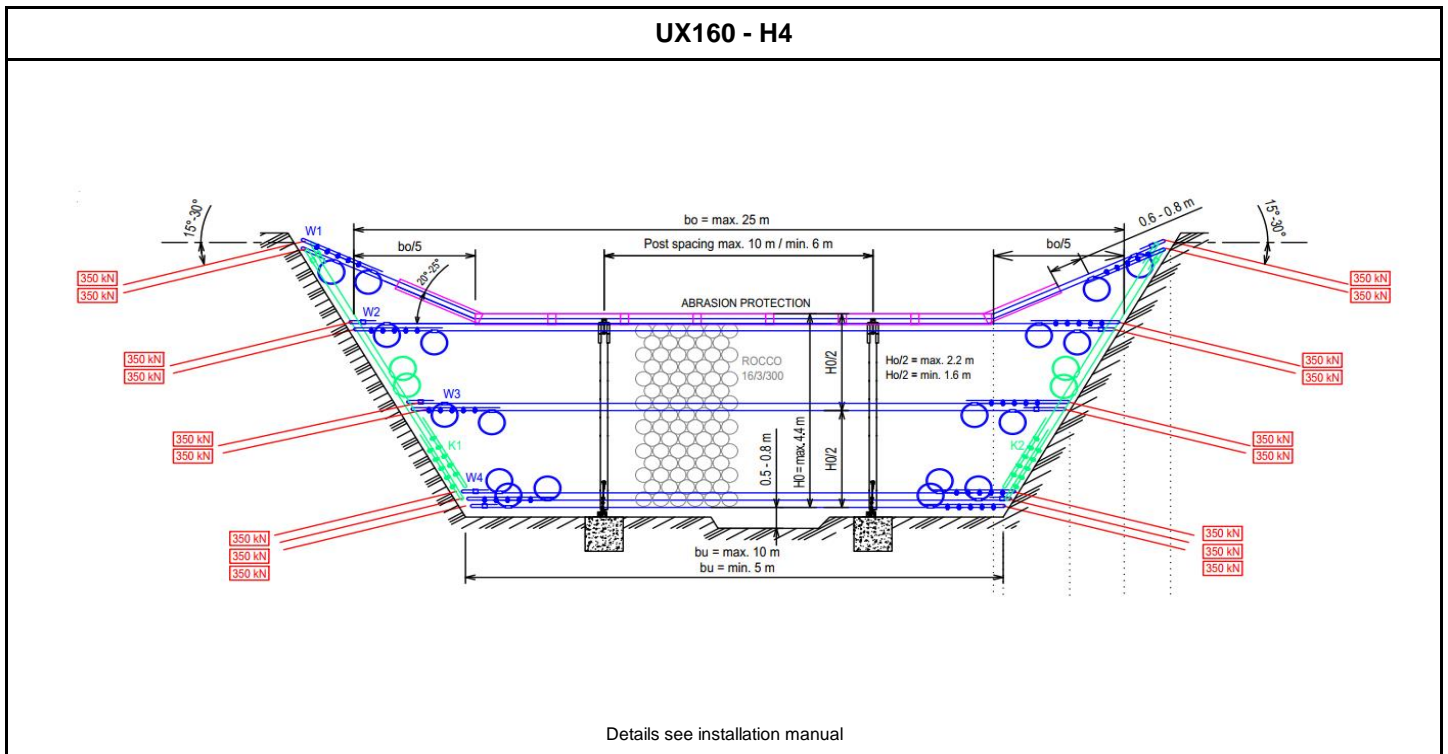


# TECHNICAL DATA SHEET

## Debris flow protection barrier UX160 - H4

Certification details		System Specification	
System drawing no. / Rope assembly no.	GD-1006.1 / 1006.2 / 1006.3	Top width max.	25 m
Dynamic pressure resistance	160 kN/m <sup>2</sup>	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 17/0273	Standard height (others on request)	4.0 m
Certificate of constancy of performance	1301 - CPR - 1287	Rope spacing horizontally (min. / max.)	1.6 m / 2.2 m
Test procedure / Verification	Simulations WSL	Mesh type / Net type	ROCCO® 16/3/300
Tested heights	4.0 m	Characteristic working load pressure anchor	250 kN
Overflow considered / Multilevel approved	Yes	Characteristic working load tension anchors	2 x 250 kN
Rockfall performance (Simulations WSL)	Yes	Post type	HEB 220



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).