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TECHNICAL DATA SHEET

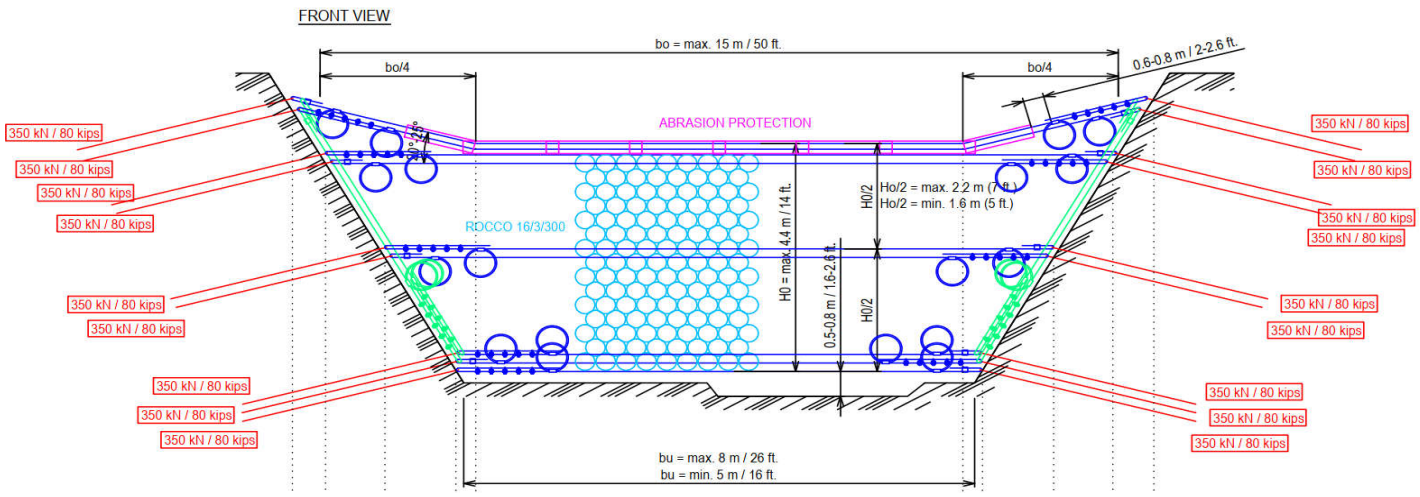
European Technical Assessment (ETA)
DEBRIS FLOW PROTECTION BARRIER VX140 - H4

CE

CERTIFICATION DETAILS	
System Drawing No. / Rope Assembly No.	GD-1002.1 / 1002.2
Dynamic pressure resistance	140 kN/m2
WSL Test Report	WSL 31.10.2010
European Technical Assessment (ETA)	ETA 17/0268
Certificate of constancy of performance	1301 - CPR - 1284
Test Procedure / Verification	Simulations WSL
Tested Heights	4.0 m
Overflow Considered / Multilevel Approved	Yes
Rockfall Performance (Simulations WSL)	Yes

SYSTEM SPECIFICATION	
Top Width Maximal	15 m
Bottom Width (min. / max.)	5.0 m / 8.0 m
Standard Height (others on request)	4.0 m
Rope Spacing Horizontally (min. / max.)	1.6 m / 2.2 m
Lateral Anchor Force (per Rope End)	350 kN
Lateral Anchor Force (per Rope End)	350 kN

VX140 - H4



Details see installation manual

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).