

**TECHNICAL DATA SHEET**

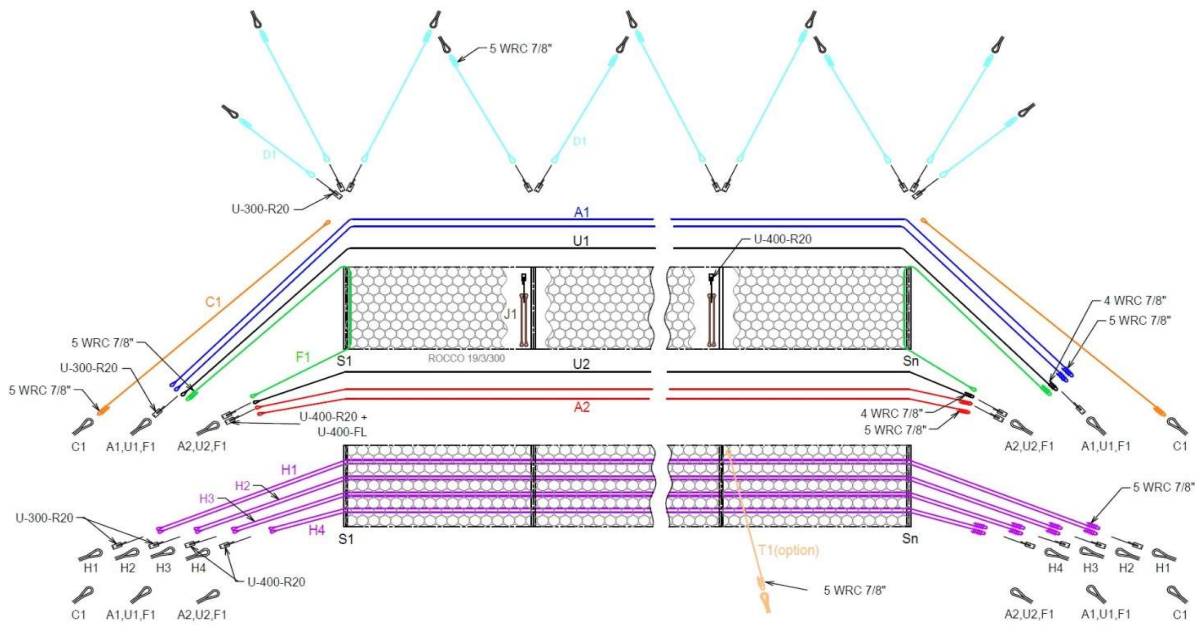
**European Technical Assessment (ETA)  
ROCKFALL PROTECTION BARRIER RXE-8000 (RXE-8450)**



**CERTIFICATION DETAILS**

System Drawing No. / Rope Assembly No.	GS-1138 / GS-1139	Residual Height MEL / in % of tested height	5.65 m / 80%
Total absorbed energy until total stopping of the block	10096 kJ	Residual Height SEL 33% / in % of tested height	5.10 m / 73%
Kinetic energy of the block	8450 kJ	Elongation MEL (acc. to ETAG 027)	8.45 m
Energy Class acc. EAD-340059-00-0106	8	Braking Distance MEL (FOEN)	8.45 m
Energy Class acc. FOEN	9	Braking Distance SEL 50% (FOEN)	-
Swiss Guideline Certificate (FOEN)	FOEN 19-7	Residual Height (category)	Cat. A (> 50%)
European Technical Assessment (ETA)	ETA 12/0213		
Certificate of constancy of performance	1301 - CPD - 0915	<b>SYSTEM SPECIFICATION</b>	
Certification Test Layout	vertical drop	Mesh Type / Net Type	ROCCO® 19/3/300
Weight of test body	20000 kg	LATERAL Characteristic Anchor Force	360 kN
Tested Heights	7.0 m	UPSLOPE ANCHOR ROPES Characteristic Anchor Force	280 kN
Certified Heights acc. ETA	7.0 - 8.0 m	Standard heights	6.0 / 7.0 / 8.0 / 9.0 / 10.0 / 10.5 m
Certified Heights acc. FOEN	7.0 - 10.5 m	Post Spacing (min. / max.)	8 - 12 m

**RXE-8000 (RXE-8450)**



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).