

# TECHNICAL DATA SHEET

## Rockfall protection barrier GBE-500A V2

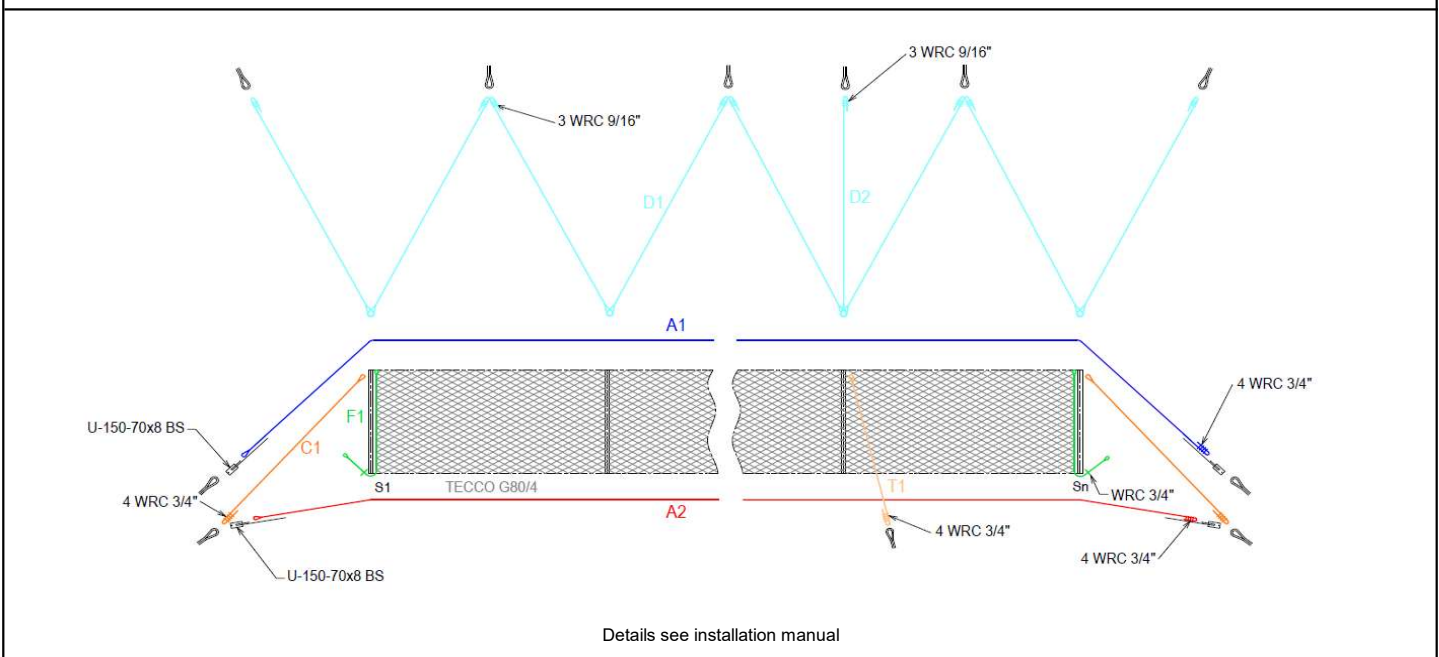
### Certification details

System drawing no. / Rope assembly no.	D146695	Residual height (category)	Cat. A (> 50%)
Total absorbed energy until total stopping of the block	581 kJ	Residual height MEL / in % of tested height	1.96 m / 69%
Kinetic energy of the block	504 kJ	Residual height SEL / in % of tested height	2.03 m / 71%
Energy class acc. EAD-340059-00-0106	2	Elongation MEL (acc. to EAD 340059-00-0106)	4.95 m
Energy class acc. FOEN	2	Elongation SEL (acc. to EAD 340059-00-0106)	3.80 m
Swiss Guideline Certificate (FOEN)	81FE-010121-L04-06-BB-01		
European Technical Assessment (ETA)	ETA 09/0085		
Certificate of constancy of performance	1301 - CPR - 0572		
Certification test layout	vertical drop		
Tested heights	3.0 m		
Certified heights acc. ETA	3.0 - 3.5 m		
Certified heights acc. FOEN	3.0 - 4.5 m		

System Specification	
Post spacing (min. / max.)	6 - 12 m
Standard heights	2.0 / 3.0 / 3.5 / 4.0 / 4.5 / 5.0 m
UPSLOPE ANCHOR ROPES Characteristic anchor force	70 kN
LATERAL Characteristic anchor force	130 kN

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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).

Subject to change without notice