

## TECHNICAL DATA SHEET

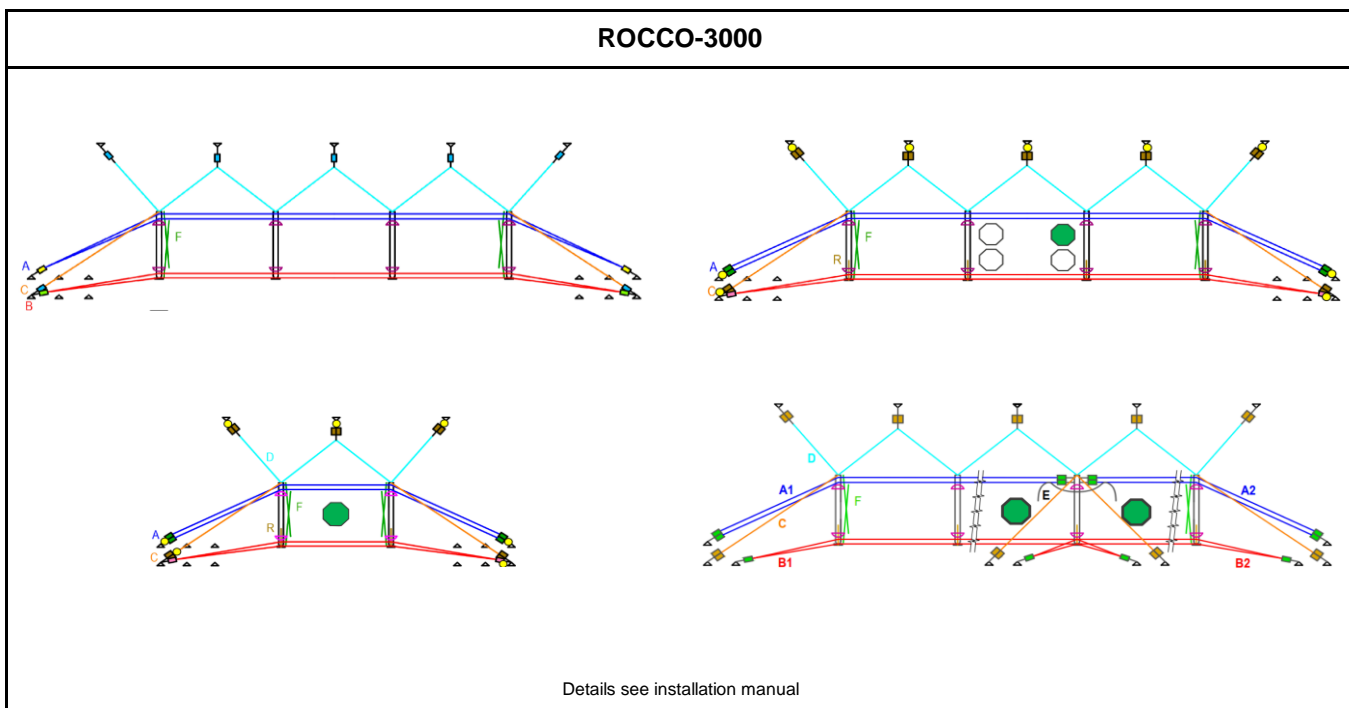
### European Technical Assessment (ETA) ROCKFALL PROTECTION BARRIER ROCCO-3000



#### CERTIFICATION DETAILS

System Drawing No. / Rope Assembly No.	GS-1228 / GS-1229	Residual Height (category)	Cat. A (> 50%)
Kinetic energy of the block	3088 kJ	Elongation MEL (acc. to EAD 340059-00-0106)	8.10 m
Energy Class acc. EAD-340059-00-0106	6	Eccentric tested (MEL-E) *	Yes
Energy Class acc. FOEN	8	Single field tested (MEL-F) **	Yes
Swiss Guideline Certificate (FOEN)	Yes	Support rope separation middle and lateral field tested (MEL-S) ***	-
European Technical Assessment (ETA)	ETA 20/0749	Tree impact test	Yes / 500 kJ
Certificate of constancy of performance	1301 - CPR - 1863	<b>SYSTEM SPECIFICATION</b>	
ONR - Conformity	Yes	Mesh Type / Net Type	ROCCO® 16/3/350
Certification Test Layout	vertical drop	LATERAL Characteristic Anchor Force	204 / 251 / 338 kN
Weight of test body	7110 kg	UPSLOPE ANCHOR ROPES Characteristic Anchor Force	274 kN
Tested Heights	5.0 m	Standard heights	5.0 / 6.0 / 7.0 m
Certified Heights acc. ETA	5.0 - 6.0 m		
Certified Heights acc. FOEN	5.0 - 7.5 m		

#### ROCCO-3000



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).

\* Maximum Energy Level (MEL) (ETAG 027 / EAD 340059-00-0106) - Eccentric (E)

\*\* Maximum Energy Level (MEL) (ETAG 027 / EAD 340059-00-0106) - One Field (F)

\*\*\* Maximum Energy Level (MEL) (ETAG 027 / EAD 340059-00-0106) - Support rope separation middle and lateral field (S)

\*\*\*\* available, not certified