

## TECHNICAL DATA SHEET

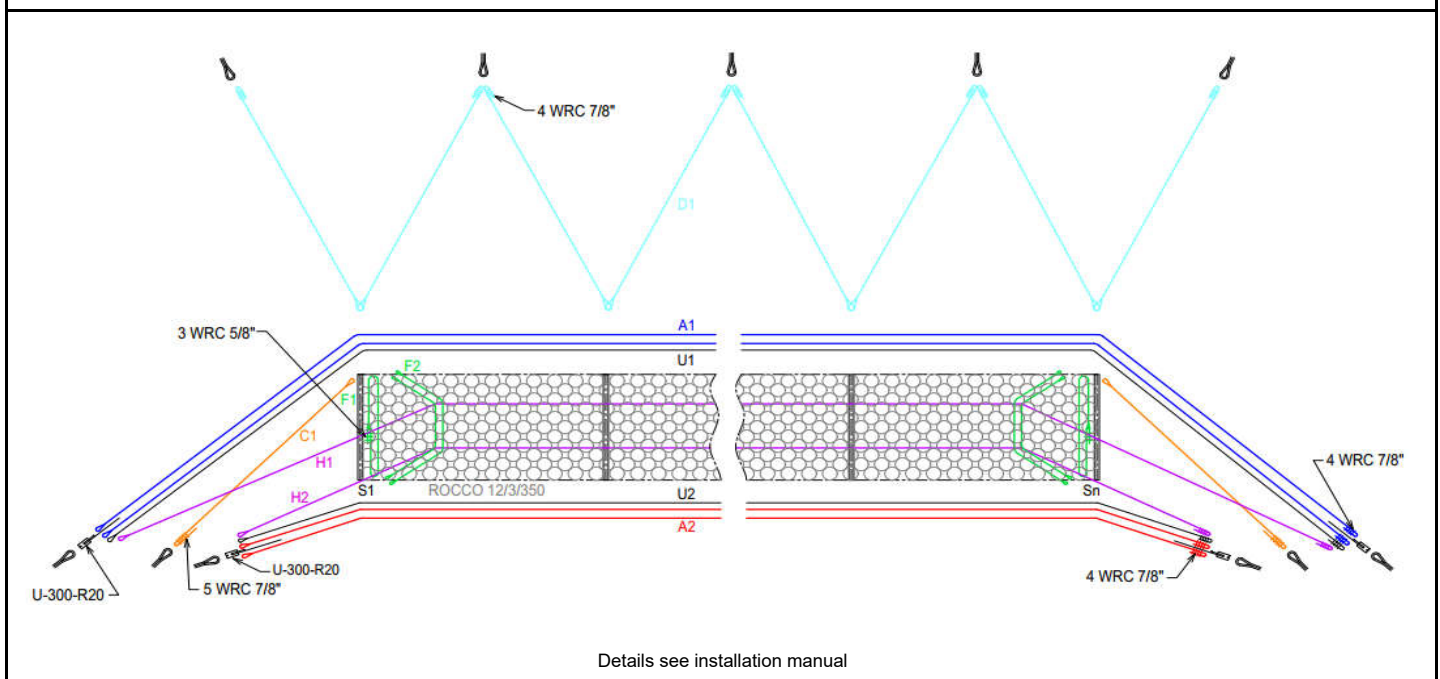
### European Technical Assessment (ETA) ROCKFALL PROTECTION BARRIER RXE-2000



#### CERTIFICATION DETAILS

|   |                   |  |                               |
|---|-------------------|--|-------------------------------|
| System Drawing No. / Rope Assembly No.                  | GS-1150 / GS-1151 | Residual Height MEL / in % of tested height      | 3.11 m / 62%                  |
| Total absorbed energy until total stopping of the block | 2395 kJ           | Residual Height SEL 33% / in % of tested height  | 3.74 m / 75%                  |
| Kinetic energy of the block                             | 2000 kJ           | Elongation MEL (acc. to ETAG 027)                | 5.80 m                        |
| Energy Class acc. EAD-340059-00-0106                    | 5                 | Braking Distance MEL (FOEN)                      | 6.50 m                        |
| Energy Class acc. FOEN                                  | 7                 | Braking Distance SEL 50% (FOEN)                  | 5.20 m                        |
| Swiss Guideline Certificate (FOEN)                      | FOEN S 13-2       | Residual Height (category)                       | Cat. A (> 50%)                |
| European Technical Assessment (ETA)                     | ETA 13/1047       |  |                               |
| Certificate of constancy of performance                 | 1301 - CPR - 1002 |  |                               |
|   |                   | <b>SYSTEM SPECIFICATION</b>                      |                               |
| Certification Test Layout                               | vertical drop     | Mesh Type / Net Type                             | ROCCO® 12/3/350               |
| Weight of test body                                     | 6400 kg           | LATERAL Characteristic Anchor Force              | 285 kN                        |
| Tested Heights  | 5.0 m             | UPSLOPE ANCHOR ROPES Characteristic Anchor Force | 315 kN                        |
| Certified Heights acc. ETA                              | 5.0 - 6.0 m       | Available heights                                | 4.0 / 5.0 / 6.0 / 7.0 / 7.5 m |
| Certified Heights acc. FOEN                             | 5.0 - 7.5 m       | Post Spacing (min. / max.)                       | 8 - 12 m                      |

#### RXE-2000



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).