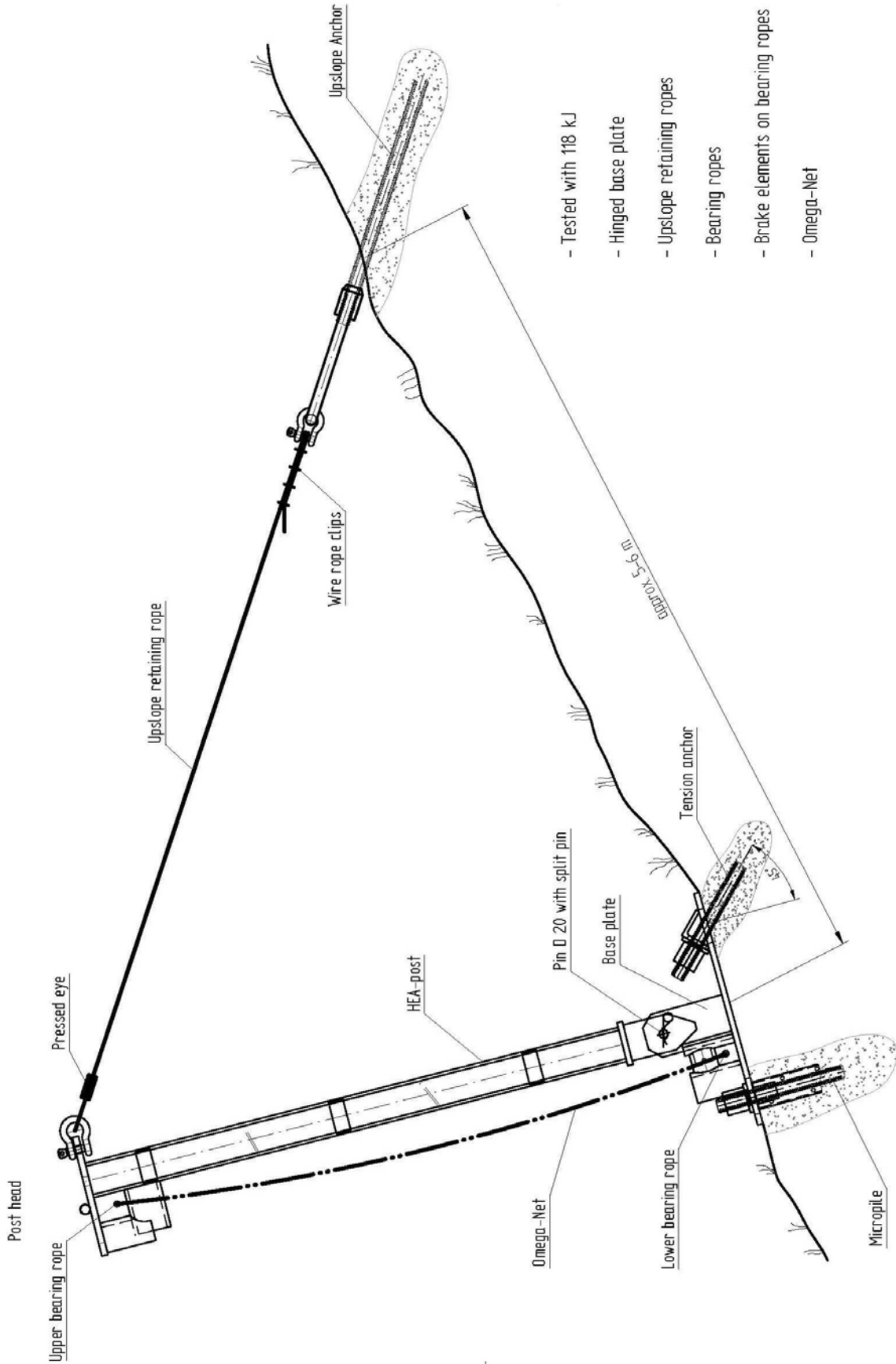


Rockfall Protection System

TSC-100-ZD

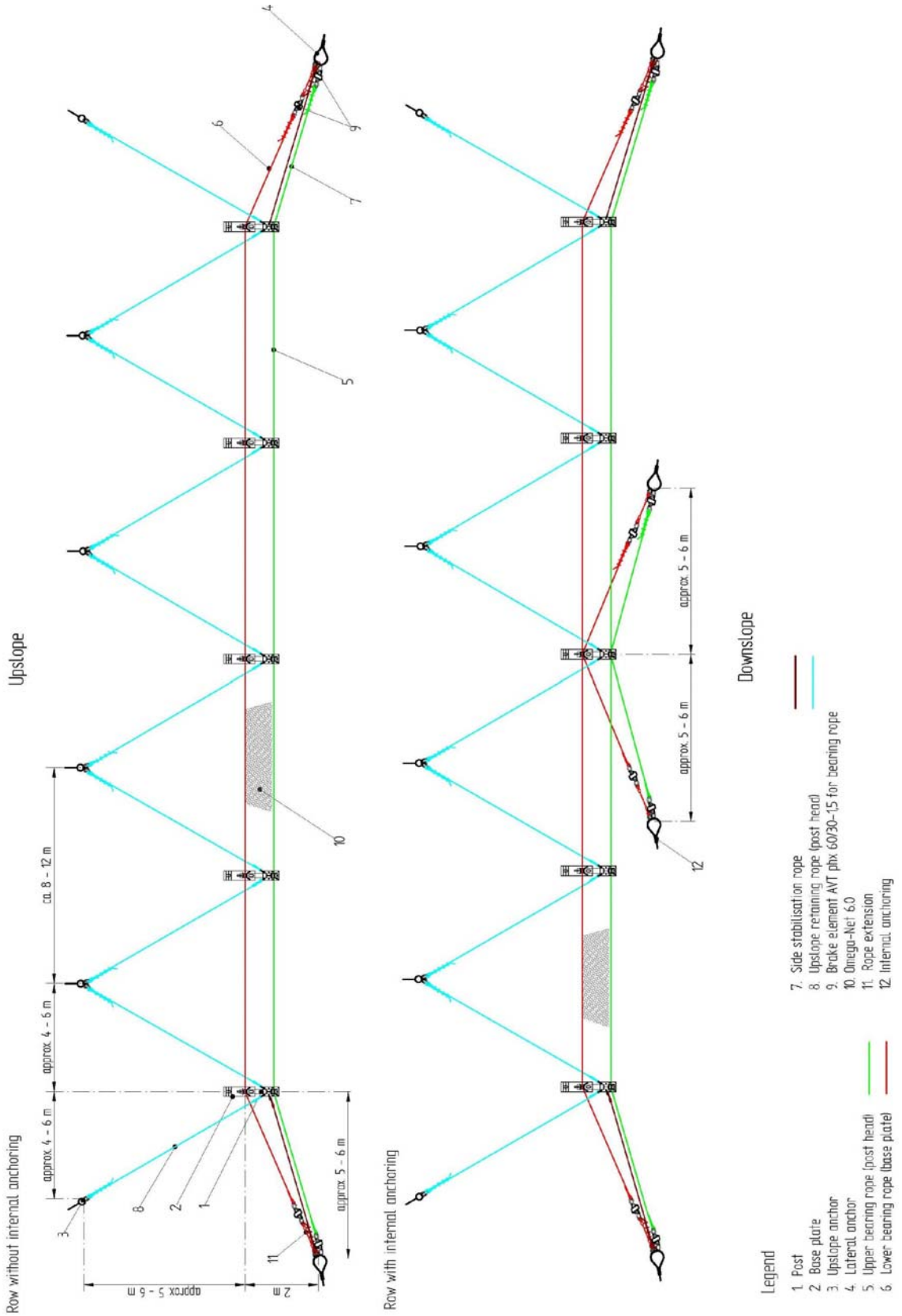


Rockfall protection system TSC-100-ZD · Lateral View



- Tested with 118 kJ
- Hinged base plate
- Upslope retaining ropes
- Bearing ropes
- Brake elements on bearing ropes
- Omega-Net

Rockfall protection system TSC-100-ZD · Plan View



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European Technical Assessment

ETA-12/0156
of 02.10.2017

electronic copy

General part

Technical Assessment Body issuing the European Technical Assessment

Österreichisches Institut für Bautechnik (OIB)
Austrian Institute of Construction Engineering

Trade name of the construction product

TSC-100-ZD

Product family to which the construction product belongs

Falling rock protection kit

Manufacturer

Trumer Schutzbauten GmbH
Maria-Bühelstrasse 7
5110 Oberndorf
Austria

Manufacturing plant

Trumer Schutzbauten GmbH
Handelsstrasse 6
5162 Obertrum
Austria

This European Technical Assessment contains

27 pages including Annexes 1 to 13, which form an integral part of this assessment.

This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of

Guideline for European technical approval (ETAG) No. 027 Falling rock protection kits, edition February 2008, amended April 2013, used as European Assessment Document (EAD).

This European Technical Assessment replaces

European technical approval ETA 12/0156 with validity from 08.10.2012 to 07.10.2017

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Certificate of constancy of performance

1379-CPR-022/14

In compliance with regulation 305/2011/EU of the European Parliament and of the Council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

FALLING ROCK PROTECTION KITS

produced by

Trumer Schutzbauten GmbH

Maria-Bühel-Straße 7, 5110 Oberndorf, Austria

and produced in the manufacturing plant

Werk Obertrum

Handelsstraße 6, 5162 Obertrum am See, Austria

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in

ETAG 027:2012/Amd:2013

under system 1 are applied and that

the products fulfil all the prescribed requirements set out above.

This certificate was first issued on 2014-12-12 and will remain valid as long as the ETAG and the single ETAs remain valid and the production conditions in the plant or the factory production control itself are not modified significantly, except this certificate is suspended or withdrawn by TVFA-ZERT.

The current validity of the certificate can be taken from the attached product register which is an integral part of the certificate.



The head of the certification body:



Dipl.-Ing. Dr. D. Schulter

Graz, 2017-07-26

The TVFA is by decision of the Federal Ministry of Science, Research and Economy based on AkkG 2012 accredited as certification body according to EN ISO/IEC 17065.

The actual accreditation volume can be found on www.tvfa.tugraz.at.

According decision of the University council the TVFA is associated to the Institute of Technology and Testing of Building Materials. Legal entity is the Graz University of technology. Head: Univ.-Prof. Dipl.-Wirtsch.-Ing. Dr.-Ing. M. Krüger

Address: Inffeldgasse 24, A-8010 Graz; Tel.: (0316) 873-7160; Fax: (0316) 873-7650; Mail: zertifizierung@tvfa.tugraz.at; Web: TVFA-ZERT.tugraz.at
FB-AA QM-Z002-5/2-7/17



This is an English translation, the original version is in German.

Annex to the
Certificate of constancy of performance of
FALLING ROCK PROTECTION KITS

1379-CPR-022/14

This certificate covers the constancy of performance of the following products of the producer

Trumer Schutzbauten GmbH

Maria-Bühel-Straße 7, 5110 Oberndorf, Austria

produced in the manufacturing plant

Werk Obertrum

Handelsstraße 6, 5162 Obertrum am See, Austria

| Trade mark of the kit | European Technical Assessment (ETA) | | Declaration of performance *) |
|-----------------------|-------------------------------------|------------|-------------------------------|
| | Number | Date | |
| TS-5000-ZD | ETA-10/0202 | 23.10.2015 | 2015-2, 02.11.2015 |
| TSC-3000-ZD | ETA-11/0227 | 24.10.2016 | 2016-1, 02.11.2016 |
| TSC-2000-ZD | ETA-11/0228 | 27.10.2016 | 2016-2, 02.11.2016 |
| TSC-1500-ZD | ETA-11-0225 | 27.10.2016 | 2016-3, 02.11.2016 |
| TSC-1000-ZD | ETA-11/0226 | 24.10.2016 | 2016-4, 02.11.2016 |
| TSC-500-ZD h4 | ETA-12/0116 | 09.05.2017 | 2017-1, 09.06.2017 |
| TSC-500-ZD | ETA-12/0117 | 09.05.2017 | 2017-2, 09.06.2017 |
| TSC-250-ZD | ETA-12/0204 | 02.10.2017 | 2017-3, 11.10.2017 |
| TSC-100-ZD | ETA-12/0156 | 02.10.2017 | 2017-4, 11.10.2017 |
| TSV-1000-oA | ETA-13/0690 | 29.06.2013 | 2014-13, 25.11.2014 |
| TSV-500-oA | ETA-14/0272 | 07.11.2014 | 2014-2, 14.11.2014 |
| TSV-2000-ZD h4 | ETA-14/0357 | 07.11.2014 | 2014-1, 14.11.2014 |
| TSV-2000-oA | ETA-14/0358 | 07.11.2014 | 2014-3, 14.11.2014 |
| TSC-100-oA | ETA-14/0472 | 18.05.2015 | 2015-1, 01.06.2015 |

*) The declared product characteristics can be taken from the declaration of performance.

Graz, 2017-11-17

The certifier:


 Ing. M. Payer



The head of the certification body:



Dipl.-Ing. Dr. D. Schuller

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 FB-AA QM-Z002-6/8-7/17

