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Member of EOTA

European technical approval

ETA-11/0227

(English translation, the original version is in German)

Handelsbezeichnung
Trade name

TSC-3000-ZD

Zulassungsinhaber
Holder of approval

**Trumer Schutzbauten GmbH
Maria Bühel Straße 7
5110 Oberndorf
Austria**

Zulassungsgegenstand
und Verwendungszweck

**Bausatz für Steinschlagschutznetz für Energieeintrag
mit Maximallast (MEL) von 3000 kJ**

*Generic type and use
of construction product*

*Falling rock protection kit with maximum energy level (MEL)
of 3000 kJ*

Geltungsdauer vom
Validity from
bis zum
to

24.10.2011

23.10.2016

Herstellwerk
Manufacturing plant

**Trumer Schutzbauten GmbH
Handelsstraße 6
5162 Obertrum
Austria**

Diese Europäische technische
Zulassung umfasst
*This European technical approval
contains*

36 Seiten einschließlich 14 Anhänge A
36 Pages including 14 Annexes A

English version (Original in German)
EC-CERTIFICATE OF CONFORMITY

1159 – CPD – 0311/12

In compliance with Directive 89/106/EEC of the Council of European Communities of 21st December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive – CPD), amended by Directive 93/08/EEC of the Council of European Communities of 22nd July 1993, implemented by the Styrian Bauproduktengesetz 2000, LGBl. Nr. 50/2001, as amended by LGBl. Nr. 13/2010, it is stated that the construction product

Falling rock protection kit according to ETAG 027
with the trading name
„TSC-3000-ZD“

Maximum Energy level (MEL) = 3000 kJ

Service Energy level (SEL) = 1000 kJ

Energy level classification: 6

Residual height after MEL launch: Category A

placed on the market by

Trumer Schutzbauten GmbH

Maria Bühel Straße 7, A-5110 Oberndorf

and produced in the factory

Trumer Schutzbauten GmbH

Handelsstraße 6, A-5162 Obertrum

is subjected by the manufacturer to factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body (identification number 1159)

Amt der Steiermärkischen Landesregierung
Bautechnik und Gestaltung – BauCert Steiermark
Burggasse 13/EG, A-8010 Graz/Austria

has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and factory production control and performs the continuous surveillance, assessment and approval of factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in the European Technical Approval

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were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 6th March 2012 and remains valid as long as the conditions laid down in the European technical specification or the manufacturing conditions in the factory or the factory production control itself are not modified significantly, the European Technical Approval ETA-11/0227 is valid, or at the latest until 23th October 2016. The certificate of conformity comprises 1 page.

For the Provincial Government of Styria
Head of certification body

Ing. Dipl.-Ing. Robert Jansche, MPA



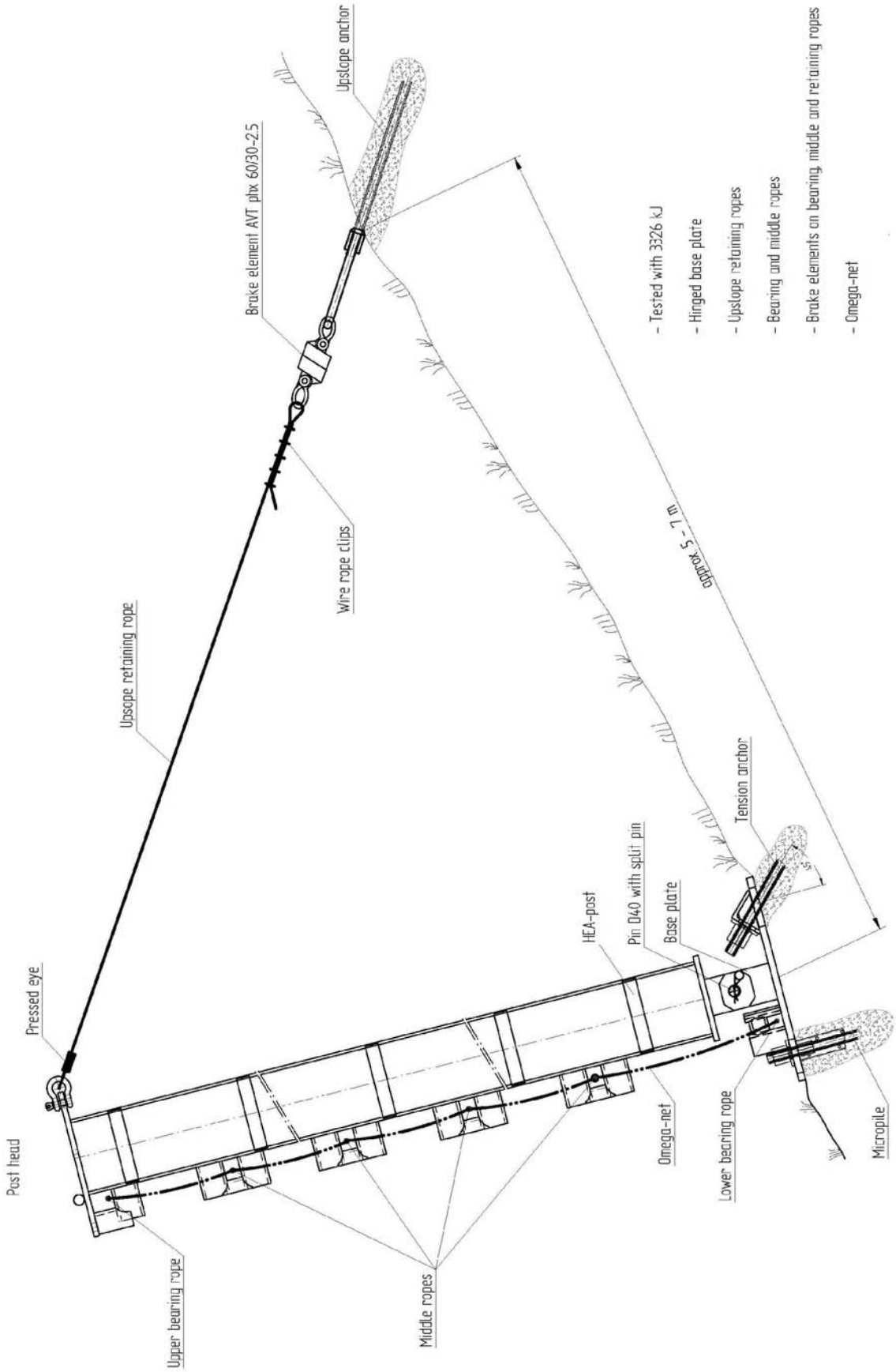
Graz, 6th March 2012

Authorized signatory



Dipl.-Ing. Friedrich Kainz

Rockfall protection system TSC-3000-ZD · Lateral View



- Tested with 3326 kJ
- Hinged base plate
- Upslope retaining ropes
- Bearing and middle ropes
- Brake elements on bearing, middle and retaining ropes
- Omega-net

S Rockfall protection system TSC-3000-ZD - Plan View

