



ZAVOD ZA  
GRADBENIŠTVO  
SLOVENIJE

SLOVENIAN  
NATIONAL BUILDING  
AND CIVIL ENGINEERING  
INSTITUTE

Član  
Member of



[www.eta.eu](http://www.eta.eu)

Dimičeva 12,  
1000 Ljubljana, Slovenija

Tel.: +386 (0)1 280 44 72, +386 (0)1-280 45 37

Fax: +386 (0)1 280 44 84

e-mail: [info.ta@zag.si](mailto:info.ta@zag.si)

<http://www.zag.si>

## European Technical Assessment

**ETA-18/0318**  
of 14. 06. 2018

English version prepared by ZAG

### General Part

**Organ za tehnično ocenjevanje, ki je izdal  
ETA**

*Technical Assessment Body issuing the ETA*

ZAG Ljubljana

**Komercialno ime gradbenega proizvoda**

*Trade name of the construction product*

EGO BRANDSCHUTZSCHNUR

**Družina proizvoda, ki ji gradbeni proizvod  
pripada**

**35: Vrv iz kamene volne za protipožarno  
tesnenje gradbenih dilatacij**

*Product family to which the construction product belongs*

35: Rope from stone wool for fire resistant joint seals

**Proizvajalec**

*Manufacturer*

EGO Dichtstoffwerke GmbH & Co  
Betribs KG  
Kaltenbrunn27  
82467 Garmisch-Partenkirchen  
Germany  
[www.ego.de](http://www.ego.de)

**Proizvodni obrat**

*Manufacturing plant*

Stična 1  
1295 Ivančna Gorica  
Slovenija

**Ta Evropska tehnična ocena vsebuje**

*This European Technical Assessment contains*

8 strani vključno s 4 prilogami, ki so  
sestavni del te ocene  
8 pages including 4 annexes which form an integral  
part of this assessment

**Ta Evropska tehnična ocena je izdana na  
podlagi Uredbe (EU) št. 305/2011 na podlagi**

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

EAD 350141-00-1106, izdaja september  
2017

EAD 350141-00-1106, edition September 2017

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## Specific parts

### 1. Technical description of the product

EGO BRANDSCHUTZSCHNUR is a flexible joint filling rope made of mineral fibres with a braid of glass yarn.

EGO BRANDSCHUTZSCHNUR is produced in seventeen (17) different diameters. For further product properties, see Annex A.

Details of the material specifications and the manufacturing process of EGO BRANDSCHUTZSCHNUR are deposited with the ZAG Slovenija.

### 2. Specification of the intended use(s) in accordance with the applicable European Assessment Document (hereinafter EAD)

EGO BRANDSCHUTZSCHNUR is used for sealing horizontal and vertical linear joints (structural joints as stepped joints and linear butt joints) with or without shear stress between fire-resistant separating rigid walls and floors.

EGO BRANDSCHUTZSCHNUR is intended to maintain or reinstate the fire resistance performance of separating building elements where they are interrupted or separated by joints.

The maximum permitted joint width is 150 mm.

The maximum lateral stretching capability of EGO BRANDSCHUTZSCHNUR is up to 20 %.

EGO BRANDSCHUTZSCHNUR is not intended for load transmission.

The performances given in section 3 are only valid if the joint filling rope is used in compliance with

- the specifications and conditions given in Annex B and
- the manufacturer's instructions.

The verifications and assessment methods on which this European Technical Assessment is based lead the assumption of working life of the joint filling rope EGO BRANDSCHUTZSCHNUR of minimum 40 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

### 3. Performance of the product and references to the methods used for its assessment

#### 3.1. Mechanical resistance and stability (BWR 1)

*Not applicable.*

#### 3.2 Safety in case of fire (BWR 2)

##### 3.2.1 Reaction to fire

EGO BRANDSCHUTZSCHNUR is classified in class A1 in accordance with EN 13501-1.



### **3.2.2 Fire resistance**

#### **3.2.2.1 Fire resistance regarding seal width and depth**

The fire resistance has been classified in accordance with EN 13501-2, as given in Annex B 2.

#### **3.2.2.2 Fire resistance regarding movement**

The fire resistance has been classified in accordance with EN 1366-4:2006+A1:2010, as given in Annex B 2.

### **3.3 Hygiene, health and environment (BWR 3)**

#### **3.3.1 Content, emission and/or release of dangerous substances**

The product EGO BRANDSCHUTZSCHNUR does not have any content, emission and/or release of dangerous substances.

#### **3.4 Safety and accessibility in use (BWR 4)**

No performance assessed.

#### **3.5 Protection against noise (BWR 5)**

No performance assessed.

#### **3.6 Energy economy and heat retention (BWR 6)**

No performance assessed.

#### **3.7 Sustainable use of natural resources (BWR 7)**

No performance assessed.

#### **3.8 General aspects relating to fitness for use**

EGO BRANDSCHUTZSCHNUR meets the following use categories according to EAD 350141-00-1106:

Type Y<sub>1</sub>: intended for use at temperatures below 0 °C with exposure to UV but no exposure to rain.

Type Y<sub>2</sub>: intended for use at temperatures below 0 °C, but with no exposure to rain or UV radiation.

Type Z<sub>1</sub>: intended for use in internal conditions with humidity equal to or higher than 85 % RH, excluding temperatures below 0 °C (no exposure to frost or changing frost-thaw but permanent or alternating condensation).

Type Z<sub>2</sub>: intended for use in internal conditions with humidity lower than 85 % RH, excluding temperatures below 0 °C.

The verification of durability is part of testing the essential characteristics. Durability is only ensured if the specifications of intended use according to Annex B 1 and the manufacturer's instructions according to section 5 are taken into account. Durability and serviceability are only ensured if specifications of intended use according to Annexes B1 and B2 are kept.



**4. Assessment and verification of constancy of performance (hereinafter AVCP) system applied, with reference to its legal base**

According to Decision of the Commission of 22 June 1999 (1999/454/EC) (OJ L 178/52 of 14/07/99, p. 3), as amended by Decision of the Commission of 8 January 2001 (2001/596/EC) (OJ L 209/33 of 2/8/2001, p. 2), the system of assessment and verification of constancy of performance (see Annex V and Article 65 Paragraph 2 to Regulation (EU) No 305/2011) **system 1** has to be applied.


**5. Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD**

Technical details necessary for the implementation of the AVCP system are laid down in chapter 3 of EAD 350141-00-1106.

Issued in Ljubljana on 14. 06. 2018

Signed by:

Franc Capuder, M.Sc.



Head of Service of TAB

