



**TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**  
**Technical and Test Institute for Construction Prague**  
Akreditovaná zkušební laboratoř, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgán, Inspekční orgán / Accredited Testing Laboratory, Authorized Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body. Prosecká 811/76a, 190 00 Praha 9 - Prosek, Czech Republic

Notified Body 1020

## **CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**No. 1020 – CPR – 090-035473**

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

### **FIXED VERTICAL ROAD TRAFFIC SIGNS**

variant : Delineator post  
type : V-Flex Vergemarker

Functional class	<b>D2</b>
Wind load	<b>WL1</b>
Reflectors	<b>R1 – retroreflective sheets</b>

placed on the market under the name or trade mark of

**Jislon (Europe) BV**

Identification No.: 51702010

Address: Gesseltweg 4, 6089 NT HEIBLOEM, Netherlands

List of manufacturing plant including INo is mentioned in annex of this Certificate of constancy of performance.

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

**EN 12899-3:2007**


under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on 21 March 2016 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

The stamp of the Notified Body 1020  
Prague, 21 March 2016




  
Ing. Jozef Pôbiš  
Manager of the Notified Body

Annex of certificate No. 1020 – CPR – 090-035473

**List of manufacturing plant delineator post**  
**Producer: Jislon (Europe) BV**

The stamp of the Notified Body 1020  
Prague, 21 March 2016



  
Ing. Jozef Pôbiš  
Manager of the Notified Body





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**Notified Body 1020**

**Branch 0900 – Technical Engineering Services**

# REPORT

**on the outcome of the assessment and verification of constancy  
of performance of the product**

according to the Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011  
(the Construction Products Regulation or CPR), Art. 1.2 of the Annex V

**No. 090-035472**

Trade name:

## **FIXED VERTICAL ROAD TRAFFIC SIGNS**

variant : Delineator post  
type : V-Flex Vergemarker

Producer:

**Jislon (Europe) BV**

Identification No.: 51702010  
Address: Gesseltweg 4, 6089 NT HEIBLOEM, Netherlands  
Producer: Jislon (Europe) BV  
Address: Gesseltweg 4, 6089 NT HEIBLOEM, Netherlands

Order: Z090160017

Number of report pages including title-page: 5

Number of Annexes: 0

Stamp of the Notified Body 1020

Prague, 21 March, 2016



  
**Roman Ondruška**  
Head Assessor

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Technický a zkušební ústav stavební Praha, s. p., Branch 0900-TIS, Prosecká 811/76a, 190 00 Prague, Czech Republic  
Tel.: 286 019 400, Fax: +420 286 881 995, Web: +420 286 881 995, email: [studnicka@tzus.cz](mailto:studnicka@tzus.cz), [www.tzus.cz](http://www.tzus.cz)  
Bank: KB Praha 1 Czech Republic, account No.: 1501-931/0100, ID No.: 000 15679, Tax No.: CZ00015679

## 1. General

### 1.1 Information about the manufacturer

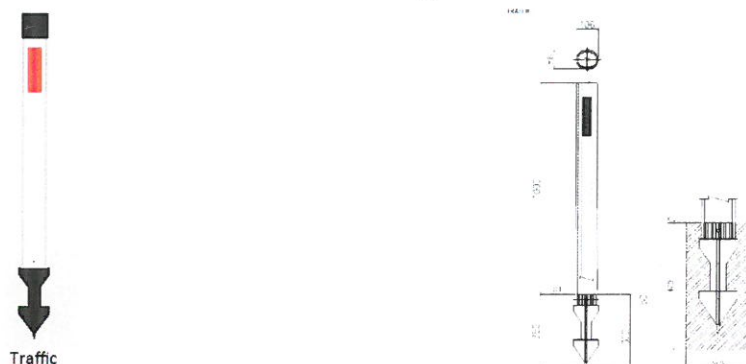
- Producer: Jislon (Europe) BV  
Gesseltweg 4, 6089 NT HEIBLOEM, Netherlands

### 1.2 Information about the product and its intended use

**Delineator post** is a product for directing vehicles and pedestrians. It is installed where the danger of car accidents is high and drivers' extra focus is needed, to support road traffic signs. The Delineator Post spatially divides traffic flows from both directions and catches drivers' eyes to warn them of dangerous areas.

Delineator posts are made from the EVA, fitted with retro-reflective foil and fixed on the road by digging hole in the soil.

**Pole cone V-Flex VERGEMARKER** – different height and color.



Sample of pole cone V-Flex VERGEMARKER

### 1.3 List of documentation provided by the manufacturer to the assessment and verification of constancy of performance (AVCP)

- application for performance of activity of notified body – AVCP system1
- Drawings of the elements
- Description of product
- Assembly instruction
- Product catalogue
- Inspection certificate
- Quality manual of manufacturing plants
- Production records
- CE handbook
- CE declaration of microprismatic retroreflective sheeting – 3M High Intensity Prismatic 3930 (Declared Performance by ETA 11/0426, 11/0427, 13/0304)
- CE declaration of microprismatic retroreflective sheeting – 3M Diamond Grade DG<sup>3</sup> (Declared Performance by ETA 11/0521, 11/0522, 13/0303)





- Technical report No. YFTS-3193 from 09.07.2014, issued 09.07.2014, issued Yamaga 3M LTD, Traffic safety security laboratory (measuring of retroreflective sheets)

#### 1.4 List of the other documentation used during the product AVCP

- None

#### 1.5 Technical specification relating to the AVCP

- EN 12899-3:2007 Fixed, vertical road traffic signs - Part 3: Delineator posts and retroreflectors

#### 1.6 Information about previous AVCP

The producer did not demonstrate any previous product certification.

### 2 Product Assessment

#### 2.1 Technical requirements

The product was assessed under EN 12899-3:2007 Fixed, vertical road traffic signs - Part 3: Delineator posts and retroreflectors, with respect to the following monitored properties:

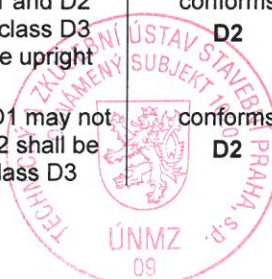
- Resistance to horizontal load
- Functional properties during vehicle impact
- Resistance to impact
- Visual characteristic
- Durability

#### 2.2 List of the Test Reports:

- Protocol on ITT testing Nr. 090-035261, issued test lab TZUS Praha s.p., branch TIS on 29 February 2016

#### 2.3 Evaluation of the results of the product tests and assessment

Monitored property	Test Protocol	Test procedure	Test result	Required / declared level	Evaluation
1	2	3	4	5	6
Resistance to horizontal load					
– Static requirements	1.3.7 1.3.8	EN 12899-3:2007 art. 6.4.1.1	Test report 090-035261	R: No damage or permanent deformation more than 15%	conforms <b>WL1</b>
Functional properties during vehicle impact					
Resistance to dynamic impact (material requirements)		EN 12899-3:2007 art. 6.4.1.2	Test report 090-035261	R: post class D1 and D2 no damage and class D3 must return to the upright position	conforms <b>D2</b>
Resistance to dynamic impact (functional requirements)		EN 12899-3:2007 art. 6.4.1.3	Test report 090-035261	R: : post class D1 may not be applicable, D2 shall be applicable and class D3	conforms <b>D2</b>



				shall be applicable and must return to the upright position	
Visual characteristic (posts)					
Daytime chromaticity and luminosity factor		EN 12899-3:2007 art. 6.3.1	Assessment, product declaration	R: trichromatic coordinates and luminosity factor – value by tab. 1	conforms
Visual characteristic (reflectors)					
Daytime chromaticity coordinates and luminosity factor		EN 12899-3:2007 art. 6.3.2.1	Assessment, product declaration Declared Performance by ETA 11/0521 ETA 11/0522 ETA 13/0303 ETA 11/0521 ETA 11/0522 ETA 13/0303	R: trichromatic coordinates and luminosity factor – value by tab. 1 or 2 EN 12899-1:2007	conforms <b>R1</b>
coefficient of retroreflection		EN 12899-3:2007 art. 6.3.2.3	Assessment, product declaration Declared Performance by ETA 11/0521 ETA 11/0522 ETA 13/0303 ETA 11/0521 ETA 11/0522 ETA 13/0303	R: reflective factor – value by tab. 3, 4, 5	conforms <b>R1</b>
Durability					
UV Resistance		EN 12899-3:2007 art. 6.4.2.4	Assessment, product declaration Test report 090-035261	R: reflective factor – value by tab. 3, 4, 5	conforms
Hazardous substances		EN 12899-3:2007 art. 10		<b>NPD</b>	

**Evaluation conclusion: the product confirms to and complies with the declared purpose.**

### 3 Factory Production Control Assessment

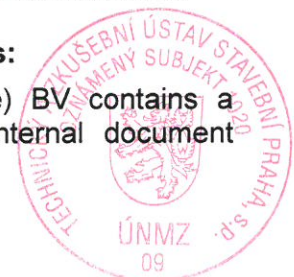
The product assessment was performed in the production plant

#### 3.1 Requirement of the technical specification regarding Factory Production Control:

The requirements on the production management system are stipulated in EN 12899-3:2007 Fixed, vertical road traffic signs - Part 3: Delineator posts and retroreflectors

#### 3.2 Evaluation of the Factory Production Control assessment results:

- The technical documentation of the producer Jislon (Europe) BV contains a description of the production management system in the internal document Technological Guideline for Delineator post.



- The production management system complies with the technical documentation and ensures that the marketed products conform to the technical specifications, and is assessed as conforming

#### 4 Conclusion

- The sample of product fulfils the requirements of the technical specification.
- The FPC is in accordance with the harmonised technical specification and ensures that the declared performances are achieved.
- Findings and conclusions mentioned in this Report are valid providing the conditions under which FPC assessment was carried out remain unchanged (e.g. technical regulations, technical specifications, production technology, incoming raw and manufacturing equipment).
- In compliance with provision of the CPR Art. 1.2, Annex V Surveillance Reports containing FPC assessment and evaluation have to be complementary to the technical documentation.

#### 5 Annexes

The documents are not part of this Protocol and are kept by the author.

Prepared by: Roman Ondruška

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