



# Certificate of constancy of performance

0402 - CPR – SC0560-11

In compliance with *Regulation 305/2011/EU 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

## Road restraint system – Safety barrier

as specified in appendix to this certificate,

Intended use: restraint system for circulation areas

**Product name: Safence C and Safence I**

produced by or for

**Blue Systems AB**

**Fiskebäcks Hamn 16, SE-426 58 Västra Frölunda  
Sweden**

and produced in the manufacturing plants

**S1 and D1**

(factory code, company and address documented in files at SP)

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

**EN 1317-5:2007 +A2:2012/AC:2013**

under system 1 for the performances set out in this certificate are applied and that

**the construction product fulfils all the prescribed requirements for these performances.**

This certificate was first issued on 2011-12-31 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

2015-12-22

**SP Technical Research Institute of Sweden  
Certification, Notified Body No. 0402**

Lennart Månsson  
Certification Manager

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Certification officer

# Certificate of constancy of performance

0402 - CPR – SC0560-11 appendix

## Road restraint system- Safety barrier

Intended use: vehicle restraint system in circulation areas.

Classification according to EN 1317-5:2007+A2:2012/AC:2013 (EN 1317-2:2010)

Product Safence type	Containment level	Impact severity level	Normalized working width, class (m)	Normalized dynamic deflection, [m]	Normalized vehicle intrusion class, [m]
<b>3RC-96</b> CC 2.5 m	N2	A	W4 (1.2)	1.2	N/A
<b>3RI-96*</b> CC 2.5 m	N2	A	W4 (1.2)	1.2	N/A
<b>3RC-96*</b> CC 3 m	N2	A	W5 (1.6)	1.6	N/A
<b>3RI-96*</b> CC 3 m	N2	A	W5 (1.7)	1.7	N/A
<b>4RC-08</b> CC 1.5 m	H2	A	W8 (2.7)	2.5	VI8 (3.3)
<b>4RI-08*</b> CC 1.5 m	H2	A	W8 (2.7)	2.5	VI8 (3.3)
<b>4RC-96</b> CC 2.5 m	N2	A	W4 (1.3)	1.3	N/A
<b>4RI-96*</b> CC 2.5 m	N2	A	W4 (1.3)	1.3	N/A
<b>4RC-96</b> CC 2.5 m	H1	A	W5 (1.5)	1.5	-
<b>4RI-96*</b> CC 2.5 m	H1	A	W5 (1.5)	1.5	-
<b>4RC-96</b> CC 3 m	N2	A	W5 (1.6)	1.6	N/A
<b>4RI-96</b> CC 3 m	N2	A	W5 (1.6)	1.6	N/A

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### Classification according to EN 1317-5:2007+A2:2012/AC:2013

Product	Durability	Resistance to snow removal class
<b>Safence C and Safence I</b>	Hot dip galvanized, acc. to EN ISO 1461	Class 2

### Product description and configuration

Product	Description
<b>Safence 3RI, 3RC</b> CC 2.5 or 3.0 m	Post distance: 1.5 m, 2.5 m or 3.0 m 0.78 m (total) Height above road surface: 3 wire: 0.48, 0.58, 0.67 m (lower edge of wire) 4 wire: 0.48, 0.56, 0.64, 0.72 m (lower edge of wire) Rail: wire, $\varnothing$ 19 mm Steel post: I-shaped 80 × 42 mm C-shaped 95 × 30 mm
	Mounting alternative Post embedment* min:1.12 m
	Steel post length 1900 mm
	Mounting alternative Steel sleeve or concrete footing * thickness min 3 mm, steel sleeve min: $\varnothing$ 200 × 600 mm, concrete footing Steel post length 1230 mm Post embedment: 450 mm
<b>Safence 4RI, 4RC</b> CC 1.5, 2.5 or 3.0 m	Mounting alternative Base plate 800 × 800 × 20 mm 250 × 250 × 20 mm, fastened to bolts casted into concrete bridge beam Steel post length 780 mm

\*used in ITT