



# Certificate of constancy of performance

0402 - CPR - SC0592-14

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: vehicle restraint system for circulation areas

**Product name: Birsta W3+**

produced by or for

**Birstaverken AB**

**Box 30**

**SE-863 22 SUNDSBRUK**

**Sweden**

and produced in the manufacturing plants

**same as above and at factories 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**

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

**the construction products fulfil the prescribed requirements for these performances.**

This certificate was first issued on 2014-07-02 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construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

2014-07-02

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

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Product Certification Manager

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Certification officer

# Certificate of constancy of performance

0402 - CPR - SC0592-14 appendix

## Road restraint system – Safety barrier Birsta W3+

Intended use: vehicle restraint system for circulation areas

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

Product	Containment level	Impact severity level	Normalized working width, class (m)	Normalized dynamic deflection [m]
Birsta W3+ (EU 2)* CC 2 m	N2	A	W3 (0.9)	0.8
Birsta W3+ (EU 4)* CC 4 m	N2	A	W3 (1.0)	0.9

\*ITT

Classification according to EN 1317-5:2007+A2:2012

Product	Durability	Resistance to snow removal class
Birsta 3P and variants	Hot dip galvanized, acc. to EN ISO 1461	Class 3

### Product description and configuration

Product	Description
<b>Birsta W3+</b> grounded in soil	Post distance: 2.0 m (EU 2) and 4.0 m (EU 4)
	Longitudinal rail: W-profile
	Height above road surface: 0.7 m (total), 0.55 m (centre of rail)
	Steel post length: 1500, 1600, 1750 and 1950 mm
	Post embedment: 0.88 m (min)
	Connection bolt between post and rail: M12 screw
<b>Birsta W3+</b> with base plate	Post distance: 2.0 m (EU2) and 4.0 m (EU4)
	Longitudinal rail: W-profile
	Height above road surface: 0.7 m (total), 0.55 m (centre of rail)
	Steel post length: 562 and 648 mm
	Base plate: 205x120x15 mm
	Connection bolt between post and rail: M12 screw