



# Certificate of constancy of performance

0402 - CPR - SC0407-11

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: vehicle restraint system for circulation areas

### Product name: Birsta K

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 2011-06-30 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construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

2014-12-12

**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 - SC0407-11 appendix

## Road restraint system – Safety barrier Birsta K

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]
<b>Birsta K</b> CC 2 m	<b>N2</b>	<b>A</b>	<b>W5 (1.7)</b>	<b>1.5</b>
<b>Birsta K</b> CC 4 m	<b>N2</b>	<b>A</b>	<b>W6 (2.0)</b>	<b>1.9</b>

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

Product	Durability	Resistance to snow removal
<b>Birsta K</b>	Hot dip galvanized, acc. to EN ISO 1461	Class 4

### Product description and configuration

Product	Description
<b>Birsta K</b> (grounded in soil)	Post distance: 2.0 m and 4.0 m Longitudinal rail: Kohlswa Profile Sigma steel post length: 1500, 1600, 1750 and 1950 mm Height above road surface: 0.63 m (total)      0.55 m (centre of rail) Post embedment, minimum: 0.88 m (min) or post casted into Birsta concrete foundation (1.3x1.3x0.2m) with installation depth 0.4m.
<b>Birsta K</b> (with base plate)	Post distance: 2.0 m and 4.0 m Longitudinal rail: Kohlswa Profile Sigma steel post length: 562 mm Height above road surface: 0.63 m (total)      0.55 m (centre of rail) Base plate: 205x120x15 mm