



Certificate of constancy of performance

0402 - CPR - SC0894-12

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 S

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 2012-05-25 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construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.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**

Lennart Månsson
Product Certification Manager

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Certification officer

Certificate of constancy of performance

0402 - CPR - SC0894-12 appendix

Road restraint system – Safety barrier Birsta S

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 S CC 1 m, height 0.58m	N2	A	W2 (0.8)	0.7
Birsta S CC 5 m, height 0.58m	N2	A	W5 (1.7)	1.6

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

Product	Durability	Resistance to snow removal
Birsta S	Hot dip galvanized, acc. to EN ISO 1461	Class 4

Product description and configuration

Product	Description
Birsta S (grounded in soil)	Post distance: 1.0 m and 5.0 m Longitudinal rail: BV230 Profile Sigma steel post length: 1500, 1600, 1750 and 1950 mm Height above road surface: 0.70 m (total) 0.58 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.
Birsta S (with base plate)	Post distance: 1.0 m and 5.0 m Longitudinal rail: BV230 Profile Sigma steel post length: 597 and 632 mm Height above road surface: 0.70 m (total) 0.58 m (centre of rail) Base plate: 205x120x15 m