

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

Road restraint systems - Part 5: Product requirements and evaluation of conformity for vehicle restraint systems

Safety barriers for use in vehicle restraint system in circulation areas, with specification and performance as specified on page 2-4 in this certificate.

Product name: Birsta 3P

placed on the market under the name or trademark of

Saferoad Sverige AB

Box 920
SE-731 29 Köping, Sweden

and produced in the manufacturing plants

2, 3, 5, 6, and 7

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

EN 1317-5:2007+A2:2012 and EN 1317-5:2007+A2:2012/AC:2012

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 2010-07-08 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402

The validity of this certificate can be verified on our website.



Martin Tillander
Product Certification Manager



Daniel Andersson
Project Manager

Certificate 0402-CPR-SC0429-10 | issue 6 | 2019-03-14

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6P06827-01



Specification and performance

Birsta 3P

Post distance:	1.8 and 2.0 m
Height above road surface:	1.2 and 1.4 m
3 longitudinal steel tube rails:	Ø 88.9 mm, thickness: 3.2 mm (rails), 6.3 mm (top rail)
Steel post length, straight (casted without base plate):	1375, 1575, 1495, 1695, 1585, 1785 mm
Steel post length, straight (baseplate 210x210x25 and 240x220x30 mm):	1045, 1245, 1165, 1365, 1260, 1460 mm
Steel post length, bended (casted, without base plate):	1375, 1575, 1495, 1695, 1585, 1785 mm
Steel post length, bended (base plate 210x210x25 mm):	1045, 1245, 1165, 1365, 1260, 1460 mm
Steel post length, straight and bended (steel foundation):	2405, 2605 mm
Steel post length, straight and bended (concrete foundation):	2405, 2605 (adjusted at site)
Steel post length, straight and bended (side mounted):	1220 + length of support (variable) 1420 + length of support (variable)
Edge beam height, to road surface:	Type A: +100 mm, Type B: 0 mm, Type C: -100 mm
Casted in edge beam:	280 mm
Steel foundation:	1200 × Ø127 mm, post on steel foundation adjusted at site or with HEB-adapter
Concrete foundation:	1.3 × 1.3 × 0.2 m, with installation depth in soil of 0.5 m
Side mounted:	HEB 120 beam (variable length)
Noise Barrier	Birsta Noise Barrier with specifications in AVCP 3 report with designation SC0361-17.

Classification acc. to EN 1317-5:2007+A2:2012 and EN 1317-5:2007 +A2:2012/AC:2012 (EN 1317-2:2010)

Product	Containment level	Impact severity level	Normalized working width class [m]	Normalized dynamic deflection [m]	Normalized vehicle intrusion class [m]
Birsta 3P CC 1.8 or 2.0 m	H2	B	W3 For values see below	For values see below	VI4 For values see below

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

Product	Durability	Resistance to snow removal class
Birsta 3P	Hot dip galvanized, acc. to EN ISO 1461	Class 4

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