

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 products

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

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

Product name: Birsta 3P H3b and 3P H4b

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, 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 2012-05-25 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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-SC0892-12 | issue 5 | 2019-03-12

RISE Research Institutes of Sweden AB | Certification
Box 857, SE-501 15 Borås, Sweden
Phone: +46 10-516 50 00
certifiering@ri.se | www.ri.se

2017-07-06



7P03448



Specification

Birsta 3P H3b and Birsta 3P H4b

Height above road surface :

1.4 Birsta 3P H3b / 1.5 m Birsta 3P H4b

Post distance:

2.0 m

Steel post (HE120B):

length depending on base

Edge beam height:

0.1 m

Three tube rails

Diameter:

88.9 mm

Thickness:

6.3 mm

Lower rail height:

0.64 m (center of rail)

Noise Barrier:

Birsta Noise Barrier with specifications in AVCP 3 report with designation SC0361-17.

Performance

Classification according to 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 H3b * CC 2 m	H3	B	W3 (0.9)	0.5	VI4 (1.1)
Birsta 3P H4b * CC 2 m	H4b	B	W3 (1.0)	0.8	VI4 (1.3)
Birsta 3P H3b CC 2 m, with noise barrier	H3	B	NA	0.5	VI4 (1.1)
Birsta 3P H4b * CC 2 m, with noise barrier	H4b	B	NA	0.9	VI4 (1.3)

*ITT

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

Product	Resistance to snow removal	Durability
Birsta 3P H3b CC 2 m	Class 4	Hot dip galvanized, acc. to EN ISO 1461
Birsta 3P H4b CC 2 m	Class 4	Hot dip galvanized, acc. to EN ISO 1461

Daniel Andersson

Certificate 0402-CPR-SC0892-12 | issue 5 | 2019-03-12

RISE Research Institutes of Sweden AB | Certification