



CERTIFIKAT

EC Certificate of Conformity No. 0402 – CPD – SC0408-11

In compliance with Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD - implemented in Swedish law by BVL), as later amended, it has been stated that the construction product

Road restraint system – Safety barrier as specified in appendix to this certificate

Product name: Birsta W3 EM 1.33 and EM 2

placed on the market by

Birstaverken AB
Box 30, SE-863 22 SUNDSBRUK
Sweden

and produced in the factories

Name and address as above, and at factories N1, C1, C2, C3, C4, C5, C6, P1
(factory code, company and address documented in files at SP)

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body

No. 0402 - SP Technical Research Institute of Sweden

has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 1317-5:2007/A1:2008

were applied and that the product fulfils all the prescribed requirements.

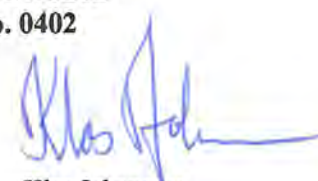
This certificate was first issued on 23rd June 2011 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly or at the latest until 23rd June 2016. This is issue No. 1.

Borås 23rd June 2011

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



Lennart Månsson
Certification Manager



Klas Johansson
Certification Officer

SP Technical Research Institute of Sweden

Postal address	Phone / Fax	Reg. number	E-mail / Internet
SP, Box 857	+46 10 516 50 00	556464-6874	info@sp.se
SE-501 15 Borås	+46 33 13 55 02		www.sp.se
SWEDEN			

Swedish Notified Bodies are appointed by SWEDAC, the Swedish Board for Accreditation and Conformity Assessment, under the terms of Swedish legislation.
This certificate may not be reproduced other than in full, except with the prior written approval by SP.



Appendix to
CERTIFIKAT
0402 - CPD – SC0408-11
dated 23rd June 2011

Road restraint system – Safety barrier
Birsta Guardrail W3 EM 1.33 and EM 2
according to EN 1317-5:2007/A1:2008

Classification according to EN 1317-2:1998/A1:2006

Product	Containment level	Impact severity level	Working width [m]	Dynamic deflection [m]
Birsta W3 EM 1.33 Guardrail CC 1.33 m	N2	B	1.2 (W4)	0.9
Birsta W3 EM 2 Guardrail CC 2 m	N2	A	1.6 (W5)	1.3

Product description and configuration

Product	Description
Birsta W3 EM 1.33 Guardrail CC 1.33 m	Post space 1330 mm or 2000 mm Steel post length 1950 mm Post embedment 1384 mm (min)
Birsta W3 EM 2 Guardrail CC 2 m	W-profile steel rail