



Certificate of constancy of performance

0402 - CPR – SC1566-12

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 for use in restraint system for circulation areas, as specified in appendix to this certificate.

Product name: Z R12, Z R14 and Z R14D

placed on the market under the name or trademark of

AB Varmförzinkning
Box 144, SE-333 23 Smålandstenar
Sweden

and produced in the manufacturing plants

same as above

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/AC:2013

under system 1 for the performances 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 2012-10-03 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

2016-02-12

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

Lennart Månsson
Certification Manager

Linda Ring Thorén
Certification officer

Certificate of constancy of performance

0402 - CPR – SC1566-12 appendix

Road restraint system- Safety barrier

Intended use: vehicle restraint system in circulation areas.

Classification according to EN 1317-5:2007+A2:2012/AC:2013 (EN 1317-2:2010)

Product	Containment level	Impact severity level	Normalized working width, class (m)	Normalized dynamic deflection, [m]
Z R1 2* CC 2 m	N2	A	W2 (0.8)	0.7
Z R1 4* CC 4 m	N2	A	W5 (1.6)	1.5
Z R1 4D* CC 4 m	N2	A	W5 (1.5)	1.1

*ITT

Classification according to EN 1317-5:2007+A2:2012/AC:2013

Product	Durability	Resistance to snow removal class
Z R1 CC 2 m/ CC 4 m	Hot dip galvanized, acc. to EN ISO 1461	Class 1

Product description and configuration

Product	Description
Z R12, Z R14 and Z R14D	<p>Post distance Z R1 2: 2.0 m</p> <p>Post distance Z R1 4, Z R1 4D: 4.0 m</p> <p>Post embedment: Min 1.24 m</p> <p>Steel post: length 1950 mm, Sigma shaped</p> <p>Height above road surface: 0.71 m (total)</p> <p>Rail height above road surface: 0.42 and 0.69 m (centre of rails)</p> <p>Steel rail: C-shaped pipe profile</p>