



Certificate of constancy of performance

0402 - CPR – SC0756-15

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: restraint system for circulation areas

Product name: Z R2 2 and Z R2 4

produced by or for

AB Varmförzinkning

Box 144, SE-333 23 Smålandsstenar

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 construction product fulfils all the prescribed requirements for these performances.

This certificate was first issued on 2015-09-17 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construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

2015-09-17

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

Lennart Månsson
Certification Manager

Susanne Hansson
Certification officer

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0402 - CPR – SC0756-15 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 R2 2* CC 2 m	N2	A	W3 (1.0)	0.8
Z R2 4* CC 4 m	N2	A	W3 (1.0)	1.0

*ITT

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

Product	Durability	Resistance to snow removal class
Z R2 2 and Z R2 4	Hot dip galvanized, acc. to EN ISO 1461	Class 4

Product description and configuration

Product	Description
Z R2 2 Z R2 4	Post distance: 2.0 m / 4.0 m Barrier height above road surface: 0.78 m Beam height above road surface: 0.47 and 0.74 m (centre of beams) Longitudinal beam: C-shaped steel beam Steel post dimension: \varnothing 108 mm, thickness: 5 mm Steel post length: 1050 mm Post embedment: 0.95 m Foundation tube: 160 × 55 × 3.6 mm