



Certificate of constancy of performance

0402 - CPR – SC1554-12

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: ZW24

placed on the market under the name or trademark of

AB Varmförzinkning
Box 144, SE-333 23 Smålandstenar
Sweden

and produced in the manufacturing plant

same as above

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the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

2016-11-11

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

Johan Åkesson
Product Certification Manager

Linda Ring Thorén
Certification officer

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0402 - CPR – SC1554-12 appendix

Road restraint system- Safety barrier

Intended use: vehicle restraint system in circulation areas.

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

| Product | Containment level | Impact severity level | Normalized working width, class (m) | Normalized dynamic deflection, [m] |
|------------------------|-------------------|-----------------------|-------------------------------------|------------------------------------|
| ZW24* CC 4 m | N2 | A | W5 (1.6) | 1.5 |

*ITT

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

| Product | Durability | Resistance to snow removal class |
|-------------|--|----------------------------------|
| ZW24 | Hot dip galvanized, acc. to EN ISO 1461 | Class 1 |

Product description and configuration

| Product | Description |
|-------------|---|
| ZW24 | Post distance: 4.0 m Height above road surface: 0.71 m (total), 0.55 m (centre of rail) Steel rail: W-shaped, thickness: 2.0 mm Post embedment: min 1.24 m Steel post: length 1950 mm, sigma shaped |