

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 product

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

Vehicle Restraint System for circulations areas, with specification and performance as specified on page 2-3 in this certificate.

Product name: RSS

placed on the market under the name or trademark of

Road Safety Supply AS

Rødmyrsvingen 117
NO-3735 Skien, Norway

and produced in the manufacturing plant

ZPIJG - JPC

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, 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 2014-10-23 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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-SC0449-14 | issue 4 | 2018-11-27

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2017-07-06



8P08432

Specification

Product	Description
RSS 2m/cc Bru 1 RSS 2m/cc Bru 2	<p>Post distance: 2.0 m</p> <p>Barrier height above road surface: 1.20 m</p> <p>Beam height above road surface: 0.60 m (centre of beam)</p> <p>Longitudinal beam: W-profile with U-section top rail</p> <p>Backside beam Bru 1: U section</p> <p>Backside beam Bru 2: W section</p> <p>Steel post dimensions: HE100A, Length 1.040 m</p> <p>Edge beam height: 150 mm</p> <p>Steel post base plate: 200 × 200 × 25 mm 270 × 200 × 30 mm</p> <p>Fence dimensions: High: 1880 × 887 × 100 mm Low: 1940 × 742 × 60 mm</p>
RSS 4m/cc PP	<p>Post distance: 4.0 m</p> <p>Barrier height above road surface: 0.75 m</p> <p>Beam height above road surface: 0.60 m (centre of W-profile)</p> <p>Longitudinal beam: W-profile (A-profile)</p> <p>Plastic post dimensions: Length 2000 mm, diam 140 mm, thickness 14 mm</p> <p>Plastic post material: Borealis HDTE development grade TL2000.10</p> <p>Post embedment: min 1.2 m (in soil)</p>
RSS 1m/cc BSB RSS 2m/cc BSB	<p>Post distance: 1.0 m / 2.0 m</p> <p>Barrier height above road surface: 0.75 m</p> <p>Beam height above road surface: 0.60 m (centre of W-profile)</p> <p>Longitudinal beam: W-profile (A-profile)</p> <p>Backside beam: W-back beam</p> <p>Sigma steel post length: 1950 mm</p> <p>Post embedment: min 1.2 m (in soil)</p>
RSS 4m/cc Sigma post RSS 2m/cc Sigma post	<p>Post distance: 2.0 m / 4.0 m</p> <p>Barrier height above road surface: 0.70 m</p> <p>Beam height above road surface: 0.55 m (centre of W-profile)</p> <p>Longitudinal beam: W-profile (A-profile)</p> <p>Sigma steel post length: 1950 mm</p> <p>Post embedment: min 1.2 m (in soil)</p>

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Performance

Product	Containment level	Impact severity level	Normalized working width, class (m)	Normalized dynamic deflection, [m]
RSS 2m/cc Bru 1*	H2	B	W4 (1.2)	0.7
RSS 2m/cc Bru 2*	H2	B	W1 (0.6)	0.3
RSS 4m/cc PP*	N2	A	W7 (2.3)	2.3
RSS 1m/cc BSB*	H2	B	W4 (1.3)	1.1
RSS 2m/cc BSB*	N2	B	W3 (0.9)	0.9
RSS 4m/cc Sigma post*	N2	A	W5 (1.7)	1.5
RSS 2m/cc Sigma post*	N2	B	W4 (1.1)	0.9

*ITT

Product	Durability	Resistance to snow removal class
RSS 2m/cc Bru 1 RSS 2m/cc Bru 2	Hot dip galvanized, acc. to EN ISO 1461	Class 3
RSS 4m/cc PP	Pole: Plastic not evaluated Steel Beam: Hot dip galvanized, acc. to EN ISO 1461.	Class 3
RSS 1m/cc BSB RSS 2m/cc BSB	Hot dip galvanized, acc. to EN ISO 1461	Class 3
RSS 4m/cc Sigma post RSS 2m/cc Sigma post	Hot dip galvanized, acc. to EN ISO 1461	Class 3

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