

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 products

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

Safety barriers for use in vehicle restraint systems in circulation areas, with specification and performance as specified on page 2-5 in this certificate.

Product name: Vik CC2-W3 and Vik CC4-W3

placed on the market under the name or trademark of

VIK Ørsta AS

Postboks 193
NO-6150 Ørsta, Norway

and produced in the manufacturing plants

VV, 31548, 32816

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 2014-09-05 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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
Director Product Certification

Certificate 0402-CPR-SC0770-14 | issue 4 | 2023-03-05

RISE Research Institutes of Sweden AB | Certification

Box 857, SE-50115 Borås, Sweden

+46 10 516 50 00 | certifiering@ri.se | www.ri.se

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Specification

Product	Description and configuration
Vik CC2-W3 Vik CC4-W3	<p>Height above road surface: Total: 0.705 m (with handrail 1.2 m) or 0.75 m Centre of rail: 0.55 m or 0.6 m</p> <p>Post distance: 2.0 m or 4.0 m</p> <p>Steel post dimension: Sigma 100 × 55 mm, Thickness 4 to 4.2 mm Length: -for baseplate: 0.57 m, 0.562 m and 0.648 mm -in soil: min 1.50 m</p> <p>Maximum hole pattern: with four Ø13 mm holes and four Ø18 mm holes at top of profile Material: S235</p> <p>Post extension: Special welded SHS 70 profile 70 × 70 mm Thickness: 4 mm Length: 784 mm Material: S355</p> <p>Base plate: 200 × 200 × 20 mm 205 × 120 × 15 mm Material: S355</p> <p>Steel tape 44 × 3 mm Material: S235</p> <p>Two welded L-profiles 180 × 61 × 60 mm Thickness: 6 mm Material: Steel S235</p> <p>Steel rail:</p> <ul style="list-style-type: none"> A-profile 310 × 83 mm Thickness 2.9 or 3.0 mm Material: S235 A-profile 310 × 83 mm Thickness 2.5 mm Material: S355 A-profile 306 × 80 mm Thickness 3.0 mm Material: S235 A-profile 309 × 83 mm Thickness 2.5 mm Material: S355 W-profile 310 × 83 mm

		<p>Thickness 3.0 mm Material: S235</p> <p>W-profile 306 × 83 mm Thickness 3.0 mm Material: S235</p> <p>Hand rail Ø88.9 mm Thickness 2.9 mm Material: S355</p> <p>Post embedment: 0.88 m (min) or post casted into concrete foundation (1.3 × 1.3 × 0.2 m) with installation depth 0.4 m</p> <p>MC Rail: 4 tubes Ø60.2 mm, welded to a 0.24 m wide band Length: 5.98 m Material: PEHD</p>
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Performance

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]	Normalized Vehicle intrusion, class [m]
Vik CC2-W3* cc 2.0 m	N2	A	W3 (0.9)	0.8	NA
Vik CC4-W3* cc 4.0 m	N2	A	W3 (1.0)	0.9	NA
Vik CC2-W3 with baseplate cc 2.0 m	N2	A	W3 (0.9)	0.8	NA
Vik CC4-W3 with baseplate cc 4.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC2-W3 with a-profile thickness 3.0 mm cc 2.0 m	N2	A	W3 (0.9)	0.8	NA
Vik CC4-W3 with a-profile thickness 3.0 mm cc 4.0 m	N2	A	W3 (1.0)	0.9	NA
Vik CC2-W3 with handrail cc 2.0 m	N2	A	W3 (1.0)	0.6	NA
Vik CC4-W3 with handrail cc 4.0 m	N2	A	W3 (1.0)	0.9	NA
Vik CC2-W3 with alt sigma post, t: 4.2 mm cc 2.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC4-W3 with alt sigma post, t: 4.2 mm cc 4.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC2-W3 with alt sigma post t: 4.2 mm and alt A-profile t: 2.5 mm wo Star MC protection cc 2.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC4-W3 with alt sigma post t: 4.2 mm and alt A-profile t: 2.5 mm wo Star MC protection cc 4.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC2-W3 with alt A-profile t: 2.5 mm wo Star MC protection cc 2.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC4-W3 with alt A-profile t: 2.5 mm wo Star MC protection cc 4.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC2-W3 with alt sigma post with added holes cc 2.0 m	N2	A	W3 (1.0)	1.0	NA

Vik CC4-W3 with alt sigma post with added holes cc 4.0 m	N2	A	W3 (1.0)	1.0	NA
Vik CC2-W3* with new alt A-profile with new holes for bolt joints cc 2.0 m	N2	A	W3 (0.9)	0.8	NA
Vik CC4-W3* with new alt A-profile with new holes for bolt joints cc 4.0 m	N2	A	W3 (1.0)	0.9	NA
Vik CC2-W3* with new alt A-profile t: 2.5 mm and new holes for bolt joints cc 2.0 m	N2	A	W3 (0.9)	0.8	NA
Vik CC4-W3* with new alt A-profile t: 2.5 mm and new holes for bolt joints cc 4.0 m	N2	A	W3 (1.0)	0.9	NA
Vik CC2-W3 with height h=0.75 m cc 2.0 m	N2	A	W3 (1.0)	0.8	NA
Vik CC4-W3 with height h=0.75 m cc 4.0 m	N2	A	W3 (1.0)	0.9	NA
Vik CC2-W3 with angled baseplate cc 2.0 m	N2	A	W3 (0.9)	0.7	NA
Vik CC4-W3 with angled baseplate cc 4.0 m	N2	A	W3 (0.9)	0.9	NA
Vik CC2-W3 with height h=0.75 m and angled baseplate cc 2.0 m	N2	A	W3 (1.0)	0.8	NA
Vik CC4-W3 with height h=0.75 m and angled baseplate cc 4.0 m	N2	A	W3 (1.0)	0.9	NA

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

Product	Durability	Resistance to snow removal class
Vik CC2-W3 Vik CC4-W3	Hot dip galvanized, acc. To EN ISO 1461	Class 3