

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 system in circulation areas, with specification and performance as specified on page 2 in this certificate.

Product name: Vik ep

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, VO, 31548

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 2021-06-28 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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- C500150 | issue 1 | 2021-06-28

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Specification

Product	Description and configuration
Vik ep	<p>Post distance: 4.0 m or 6.0 m</p> <p>Height from road surface: 0.75 m (total), 0.6 m (centre of rail)</p> <p>Rails: A-profile 4300 × 306 × 83, thickness 2.5 mm Material: S355 Alternative 3 mm rail A-profile 4316 × 310 × 82, thickness 3 mm Material: S355</p> <p>Steel post: C 100 × 60 × 25 mm, thickness 4 mm Length min 1.5 m, driven in soil min 0.80 m, for baseplate 0.65m Material: S355 Post stiffener (soil only) 230 × 85 × 45 mm thickness 4 mm. Material S355</p> <p>BasePlate: Plate 200 × 200 × 20 mm (thickness of 20 mm is a minimum) Holes for anchoring bolts Ø 27 mm. Anchoring bolts minimum 4 × M20, 140 × 140 placement. Steel S355 Steel tape 44 × 3 mm Steel S235</p>

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-EP N2-W2-cc4	N2	A	W2 (0.8)	0.7	NA
Vik-EP H1-W3-cc4	H1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP L1-W3-cc4	L1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP H1-W3-cc4 with new rail	H1	A	W3 (1.0)	0.9	VI5 (1.7)
Vik-EP N2-W2-cc4 with new rail	N2	A	W2 (0.8)	0.7	NA
Vik-EP N2-W4-cc6 with new rail	N2	A	W4 (1.2)	1.1	NA
Vik-EP L1-W3-cc4 with new rail	L1	A	W3 (1.0)	0.9	VI5 (1.7)
Vik-EP H1-W3-cc4 with new rail and baseplate	H1	A	W3 (0.9)	0.8	VI5 (1.6)
Vik-EP N2-W2-cc4 with new rail and baseplate	N2	A	W2 (0.7)	0.6	NA
Vik-EP N2-W4-cc6 with new rail and baseplate	N2	A	W4 (1.1)	1.0	NA
Vik-EP L1-W3-cc4 with new rail and baseplate	L1	A	W3 (0.9)	0.8	VI5 (1.6)

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

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