Certificate of constancy of performance

0402-CPR- C500150

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 2-5 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, 32062, 30077, 32964, 32816 and 31222

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 2021-06-28and 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 at RISE homepage.

Martin Tillander
Director Product Certification

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Specification

Vik ep

Height from road surface:	0.75 m (total), 0.6 m (centre of rail)
Post distance:	4.0 m or 6.0 m
Rails:	A-profile 4300 ×306 × 83, thickness 2.5 mm Material: S355 Alternative 2.5-3,1 mm rail for cc 4 m A-profile 4316 ×310 × 82, thickness 2.5-3.1 mm Material: S355 Alternative 3.0-3,1 mm rail for cc 6 m A-profile 4316 ×310 × 82, thickness 3.0-3.1 mm Material: S355 Alternative rail: W-profile: 306 x 80 mm Thickness 3.0 mm, Length 4.300 m Material: S355
Steel post:	C 100 × 60 × 25 mm, thickness 4 mm or 5 mm without stiffener Length min 1.5 m, driven in soil min 0.80 m, for baseplate 0.65m for baseplate with 0-150 mm high plinth: 0.5-0.65 m Material: S355 Post stiffener (soil only) 230 × 85 × 45 mm thickness 4 mm. Material S355
BasePlate:	Plate 200 × 200 × 20 mm (thickness of 20 mm is a minimum) Holes for anchoring bolts Ø 24 mm. Anchoring bolts minimum 4 × M20, 140 × 140 placement. Steel S355 Steel tape 44 × 3 mm Steel S235

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 N2-W2 with plinth cc4	N2	A	W2 (0.8)	0.7	N/A
Vik-EP H1-W3 with plinth* cc4	H1	A	W3 (1.0)	0,9	VI5 (1.6)
Vik-EP L1-W3 with plinth cc4	L1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP N2-W2 with baseplate cc4	N2	A	W2 (0.8)	0.7	N/A
Vik-EP H1-W3 with baseplate cc4	H1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP L1-W3 with baseplate cc4	L1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP N2-W2-cc4 Alternative 2.5-3,1 mm	N2	A	W2 (0.8)	0.7	NA
Vik-EP H1-W3-cc4 Alternative 2.5-3,1 mm	H1	A	W3 (1.0)	0.9	VI5 (1.7)
Vik-EP L1-W3-cc4 Alternative 2.5-3,1 mm	L1	A	W3 (1.0)	0.9	VI5 (1.7)
Vik-EP N2-W2-cc4 Alternative 2.5-3,1 mm and baseplate	N2	A	W2 (0.8)	0.7	NA
Vik-EP H1-W3-cc4 Alternative 2.5-3,1 mm and baseplate	H1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP L1-W3-cc4 Alternative 2.5-3,1 mm and baseplate	L1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP N2-W2 Alternative 2.5-3,1 mm with plinth cc4	N2	A	W2 (0.8)	0.7	N/A
Vik-EP H1-W3 Alternative 2.5-3,1 mm with plinth* cc4	H1	A	W3 (1.0)	0,9	VI5 (1.6)

Vik-EP L1-W3 Alternative 2.5-3,1 mm with plinth cc4	L1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP N2-W4-cc6 Alternative 3.0-3,1 mm	N2	A	W4 (1.2)	1.1	NA
Vik-EP N2-W4-cc6 Alternative 3.0-3,1 mm and baseplate	N2	A	W4 (1.1)	1.0	NA
Vik-EP N2-W2 with Birsta wprofile cc4	N2	A	W2 (0.8)	0.9	N/A
Vik-EP H1-W3 with Birsta wprofile cc4	H1	A	W3 (1.0)	0.9	VI5 (1.7)
Vik-EP L1-W3 with Birsta wprofile cc4	L1	A	W3 (1.0)	0.9	VI5 (1.7)
Vik-EP N2-W4 with Birsta wprofile cc6	N2	A	W4 (1.2)	1.1	N/A
Vik-EP N2-W2-cc4 Birsta wprofile and baseplate	N2	A	W2 (0.8)	0.7	NA
Vik-EP H1-W3-cc4 Birsta wprofile and baseplate	H1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP L1-W3-cc4 Birsta wprofile and baseplate	L1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP N2-W2 with Birsta wprofile with plinth cc4	N2	A	W2 (0.8)	0.7	N/A
Vik-EP H1-W3 Birsta wprofile with plinth* cc4	H1	A	W3 (1.0)	0,9	VI5 (1.6)
Vik-EP L1-W3 Birsta wprofile with plinth cc4	L1	A	W3 (1.0)	0.9	VI5 (1.6)
Vik-EP H1 W3 with 5 mm post without stiffener cc4	H1	A	W3 (0.9)	0.9	VI5 (1.7)
Vik-EP N2 W4 with 5 mm post without stiffener cc6	N2	A	W4 (1.2)	1.1	N/A
Vik-EP N2 with 5 mm post without stiffener cc4	N2	A	W2 (0.8)	0.7	N/A
Vik-EP L1 W3 with 5 mm post without stiffener cc4	L1	A	W3 (0.9	0.9	VI5 (1.7)
Megarail ep with max 200 mm deep gutter cc 4.0 m	N2	A	W2 (0.8)	0.7	N/A

Megarail ep with max 200 mm deep gutter cc 4.0 m	H1	A	W3 (1.0)	0.9	VI5 (1.6)
Megarail ep with max 200 mm deep gutter cc 4.0 m	L1	A	W3 (1.0)	0.9	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