

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 specifications and performances as specified on page 2-3 in this certificate.

### Product name: Ørsta Brurekkverk (Orsta Bridge Parapet)

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  
with designation VO, 31222 and 32062

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 2011-04-04 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

Certificate 0402-CPR-SC0240-11 | issue 4 | 2020-01-29

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2017-07-06



9P006872



## Specification

Product	Description and configuration
Ørsta Brurekkverk	<p>Post distance: 2.0 m</p> <p>Height above road surface: Total: 1.2 – 1.28 m (structural) Total: 1.3 – 1.38 m (non-structural addition) Upper rail: 1.15 – 1.23 m (centre of rail) Lower rail: 0.49 m (centre of rail) Lower rail: 0.71 m (centre of rail)</p> <p>Post base plate: 200 × 200 × 20 mm 250 × 250 × 25 mm Steel S355J2+N</p> <p>Post beam: Tube Ø 139.7 × 4.0 mm Length: 1.02 m Steel S355J2H</p> <p>Concrete edge beam height: 0.15 m</p> <p>Top- and lower rails: C-profile Ø 114 × 3.6 mm Steel S3555MC</p>
	<p>Optional feature, infillings mounted between the steel posts: Horizontal pipe Vertical bars Net fence</p>
	<p>Birsta Noise Barrier with specifications in AVCP 3 report with designation SC0361-17.</p> <p>Upper bracket: 220x205x137 mm, thickness 12 mm</p> <p>Lower bracket: 200x155x92, thickness 8 mm</p>
Birsta Noise Barrier and attachment brackets	

## 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]
Ørsta Brurekkverk *	H2	B	W2 (0.8)	0.5	VI4 (1.1)
Ørsta Brurekkverk * with Birsta Noise Barrier	H2	B	W2 (0.8)	0.5	VI4 (1.1)

\*ITT

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

Product	Durability	Resistance to snow removal
Ørsta Brurekkverk	Hot dip galvanized, acc. to EN ISO 1461	Class 4