

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 in this certificate.

### Product name: Monoline

placed on the market under the name or trademark of

**VIK Ørsta AS**

Postboks 193

NO-6150 Ørsta, Norway

and produced in the manufacturing plant

**Same as above, and at factories with designation VV, 30077, 30092 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 2011-06-01 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

Project 6P09098-01. The validity of this certificate can be verified on our website.

Lennart Aronsson  
Product Certification Manager

Martin Tillander  
Project Manager

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## Specification

Product	Description and configuration
<b>Monoline</b> CC 2 m and CC 4 m	Post distance: 2.0 m or 4.0 m
	Height above road surface: 0.69 m (total), 0.60 m (centre of rail)
	Tube rail dimension: Ø 185 mm, thickness: 3.2 mm
	Steel post: cylindrical: Ø 101.6 mm rectangular: 135 x 44 mm
	Post embedment: min. 0.8 m
	Post, grounded: length 1470 mm
	Post foot plate: 200 x 200 x 25 mm
Post with foot plate: length 673 mm	

## 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]
<b>Monoline*</b> Guard rail CC 2 m	N2	A	W4 (1.1)	1.0	N/A**
<b>Monoline*</b> Guard rail CC 4 m	N2	A	W5 (1.7)	1.6	N/A**

\*ITT

\*\*Not applicable for normal containment level (N1 and N2)

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

Product	Durability	Resistance to snow removal
<b>Monoline</b> CC 2 m and CC 4 m	Hot dip galvanized, acc. to EN ISO 1461	Class 3

