

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 product

## 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 pages 2-4 in this certificate.

### Product name: CC4

placed on the market under the name or trademark of

#### Veisikring AS

Box 4174  
NO-3005 Drammen, Norway

and produced in the manufacturing plants same as above and

JSGQ, LS and CZ

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 2014-06-16 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

Daniel Andersson  
Project Manager

Certificate 0402-CPR- SC1335-13 | issue 5 | 2019-06-18

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2017-07-06



8P06511-01

## Specification

CC4-BT1-LP, Post distance: Height above road surface: Longitudinal beam: Backside beam: Steel post length: Edge beam height Base plate:	2.0 m 1.20 m (total) 0.6 m (at centre of beam) W-profile with U-section top rail U section 1040 mm (post welded to base plate) 150 mm 270 × 200 × 30 mm
CC4-BT2 Post distance: Height above road surface: Steel post base plate: Steel post dimensions: Edge beam height Steel rail:	2.0 m 1.20 m (total) 0.6 m (at centre of beam) 200 × 200 × 25 mm HE100A, Length 1.04 m 150 mm W 310 × 80 mm, thickness 3 mm
CC4-BT2-LP Post distance: Height above road surface: Steel post base plate: Steel post dimensions: Edge beam height Steel rail:	2.0 m 1.20 m (total) 0.6 m (at centre of beam) 260 × 200 × 30 mm HE100A, Length 1.04 m 150 mm W 310 × 80 mm, thickness 3 mm M 200 × 155 mm, thickness 3 mm M 200 × 155 mm, thickness 3 mm
CC4 RP-4 4m Post distance: Barrier height above road surface: Beam height above road surface: Longitudinal beam: Plastic post dimensions: Plastic post material: Post embedment:	4.0 m 0.75 m 0.60 m (centre of W-profile) W-profile (A-profile) Length 2000 mm, Diameter 140 mm, thickness 14 mm HDTE min 1.2 m (in soil)
CC4 RH2-1 cc 1 m, CC4 RH2-2 cc 2 m Post distance: Barrier height above road surface: Beam height above road surface: Longitudinal beam: Backside beam: Steel post length: Post embedment:	1.0 m / 2.0 m 0.75 m 0.60 m (centre of W-profile) W-profile (A-profile) W-back beam 1950 mm min 1.2 m (in soil)
CC4 RS-2 cc 2 m, CC4 RS-4 cc 4 m Post distance: Barrier height above road surface: Beam height above road surface: Longitudinal beam: Steel post length: Post embedment:	2.0 m / 4.0 m 0.70 m 0.55 m (centre of W-profile) W-profile (A-profile) 1950 mm min 1.2 m (in soil)

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Certificate 0402-CPR- SC1335-13 | issue 5 | 2019-06-18

RISE Research Institutes of Sweden AB | Certification

CC4-BT2 with transparent wall panels

Post distance:	2.0 m
Post dimensions:	HE100A, Length 1.04 m
Edge beam height:	0.15 m
Steel rail:	W 310×80 mm, thickness 3 mm M 200×155 mm, thickness 3 mm
Transparent element:	12 mm thick Polycarbonate
Panel height:	2.0 m
Support distance:	2.0 m
Support beam:	Two part assembled beam 115×76×3 mm, S235JR. Length 1200mm, 1925 mm

## Performance

CC4-BT1-LP\*

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

H2  
B  
W4 (1.2)  
0.7  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

CC4-BT2 \*

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

H2  
B  
W1 (0.6)  
0.3  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

CC4-BT2-LP

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

H2  
B  
W1 (0.6)  
0.3  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

CC4 RP-4 4m \*

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability

N2  
A  
W7 (2.3)  
2.3  
Beam (steel): Hot dip galvanized, acc. to EN ISO 1461  
Post (plastic): Not evaluated  
Class 3

Resistance to snow removal class

CC4 RH2-1 \*

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

H2  
B  
W4 (1.3)  
1.1  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

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Certificate 0402-CPR- SC1335-13 | issue 5 | 2019-06-18

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## CC4 RH2-2 \*

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

N2  
B  
W3 (0.9)  
0.9  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

## CC4-RS-2 \*

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

N2  
B  
W4 (1.1)  
0.9  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

## CC4-RS-4 \*

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

N2  
A  
W5 (1.7)  
1.5  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

## CC4-BT2 with transparent wall panels

Containment level  
Impact severity level  
Normalized working width class [m]  
Normalized dynamic deflection [m]  
Durability  
Resistance to snow removal class

H2  
B  
W2 (0.8)  
0.3  
Hot dip galvanized, acc. to EN ISO 1461  
Class 3

\* ITT

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Certificate 0402-CPR- SC1335-13 | issue 5 | 2019-06-18

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