Certificate of constancy of performance
0402-CPR-C500505

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: N2W3-CC4

placed on the market under the name or trademark of

Marcegaglia Buildtech SRL
Via Bresciani 16
IT-46040 Gazoldo degli Ippoliti (MN), Italy

and produced in the manufacturing plant

MARCEGAGLIA BUILDTECH SRL IT-15068 Pozzolo Formigaro (AL) Italy

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, 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 2024-11-27 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 at RISE homepage.

Martin Tillander
Director Product Certification

2023-01-21

RISE Research Institutes of Sweden AB | Certification
Box 857, SE-50115 Borås, Sweden
+46 10 516 50 00 | certifiering@ri.se | www.ri.se

Accred. no. 1002
Certification of Products
ISO/IEC 17065

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Specification

N2W3

Height above road surface	0.75 m 0.645 m centre of rail
Post distance	4.0 m
Steel post dimensions	C-profile: 120 × 55 × 30 mm Thickness: 4.0 mm Length: - for soil: 1.7 m, driven in soil 0.8 m Material: Steel S355 Post stiffener: u-profile 100×40 mm Thickness: 5 mm Length: 0.4 m Material: Steel S275
Steel rail	Double wave shaped: 310 × 85 mm Thickness: 2.5 or 2.85 mm Length: 4316 mm Material: S355

Performance

N2W3 with rail beam thickness 2.85 mm

Containment level	N2
Impact severity level	A
Normalized working width class [m]	W3 (1.0)
Normalized dynamic deflection [m]	0.9
Durability	Hot dip galvanized, acc. to EN ISO 1461 or Improved atmospheric corrosion resistance (CORTEN) acc. to EN 10025-5
Resistance to snow removal	Class 3

N2W3 with rail beam thickness 2.5 mm

Containment level	N2
Impact severity level	A
Normalized working width class [m]	W3 (1.0)
Normalized dynamic deflection [m]	1.0
Durability	Hot dip galvanized, acc. to EN ISO 1461 or Improved atmospheric corrosion resistance (CORTEN) acc. to EN 10025-5
Resistance to snow removal	Class 3

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