

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: Road Restraint System L1-DS-MARC

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 plants
same as above and ZINCOL ITALIA SPA

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 2024-02-17 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

Certificate 0402-CPR-C500447 | issue 2 | 2024-06-26

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Specification

L1-DS-MARC	
Height above road surface:	0.637 m
Post distance:	4.5 m
Steel rail:	Box beam 138 × 214 mm, thickness 4 mm Length: 4.49 m Material: S 355 JR alternatively S355 according to EN 10025-5 (CORTEN)
Steel post:	C120 profile 120 × 80 × 30 mm, thickness 5.0 mm Length 1.4 m driven into soil 0.79 m. Material: S 235 JR

Performance

L1-DS-MARC	
Containment level	N2
Impact severity level	A
Normalized working width class [m]	W4 (1.2)
Normalized dynamic deflection [m]	1.1
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	Class 4
Containment level	H1
Impact severity level	A
Normalized working width class [m]	W4 (1.3)
Normalized dynamic deflection [m]	1.2
Normalized Vehicle intrusion [m]	VI6
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	Class 4
Containment level	L1
Impact severity level	A
Normalized working width class [m]	W4 (1.3)
Normalized dynamic deflection [m]	1.2
Normalized Vehicle intrusion [m]	VI6
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	Class 4