kiwa
Partner for progress

Certificate

Number	0620-CPR-79267/01	Replaces	n.a
Issued	2013-10-15	First issued under CPR	2013-10-15
		First issued under CPD	n.a.

Certificate of

CONSTANCY OF PERFORMANCE

AVCP 1

Notified Body No.0620, Kiwa Nederland B.V. has determined that

Nedal Aluminium b.v.

Fulfils all provisions concerning the assessment and verification of constancy of performance at system 1 and the performances described in Annex ZA of the standard EN 12899-1:2007)

Product:

Vertical road traffic supports for signs and signal heads

- As stated on page 2 and 3 in this Certificate of conformity of the factory production control

Task
Producer
Factory Production Control
Further testing of Samples

Task
Kiwa Nederland B.V.
Initial Type Testing
Certification of FPC
Continuous surveillance

B. Meekma

Bouke Meekma
Kiwa

This certificate consists of 3 pages.
Publication of the certificate is allowed.

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kiwa Approved FPC SCANNED

130104

Notified Body No.0620, Kiwa Nederland B.V.

Certificate of constancy of performance 0620-CPR-79267/01

In compliance with Regulation 305/2011/EU 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

Vertical road traffic supports for signs and signal heads:
Conical straight Column

Stepped straight Column

Cylindrical straight Column

Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height up to and including 2.6 m, with root section, a circular cross section with a base diameter of at least 100 mm and nominal wall thickness of 3 mm or more. Without door section.

Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height up to and including 3.6 m, with root section or flange plate, a circular cross section with a base diameter of at least 114 mm and nominal wall thickness of 2.5 mm or more. With a single door at 400 mm above ground level or more, maximum door of 400x85 mm. Equipped with a standard expanded inner reinforcement tube.

Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height up to and including 5.4 m, with root section or flange plate, a circular cross section with a base diameter of at least 114 mm and nominal wall thickness of 2.5 mm or more. Without door section.

Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height up to and including 5.4 m, with root section or flange plate, a circular cross section with a base diameter of at least 120 mm and nominal wall thickness of 3 mm or more.
With a single door at 1200 mm above ground level or more, maximum door of 400x85 mm. Equipped with a standard expanded inner reinforcement tube.

Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height up to and including 5.3 m, with root section or flange plate, a circular cross section with a base diameter of at least 135 mm and nominal wall thickness of 3 mm or more.
With a single door at 600 mm above ground level or more, maximum door of 600x110 mm. Equipped with a standard expanded inner reinforcement tube.

Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height up to and including 5.4 m, with root section or flange plate, a circular cross section with a base diameter of at least 145 mm and nominal wall thickness of 3 mm or more.
With a maximum single door of 500x100 mm at a minimum height above ground level of 1200 mm or with a maximum single door of 400x85 mm at a minimum height above ground level of 400 mm. Equipped with a standard expanded inner reinforcement tube.

Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height up to and including 5.4 m, with root section or flange plate, a circular cross section with a base diameter of at least 165 mm and nominal wall thickness of 3 mm or more.
With a single door at 600 mm above ground level or more, maximum door of 600x110 mm. Equipped with a standard expanded inner reinforcement tube.

Vertical road traffic supports for signs and signal heads:

Passive safety performance class 70,NE,2
Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height from 2 m up to and including 5.3 m, and a maximum planting depth of 1000 mm, a circular cross section with a base diameter of 165 mm and nominal wall thickness of 3 mm. Equipped with a single door at 600 mm above ground level and equipped with a standard expanded inner reinforcement tube (1).

Passive safety performance class 70,NE,3
Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height from 2 m up to and including 3.1 m, and a maximum planting depth of 800 mm, a circular cross section with a base diameter of 135 mm and nominal wall thickness of 3 mm. Equipped with a single door at 600 mm above ground level and equipped with a standard expanded inner reinforcement tube (1).

Passive safety performance class 100, NE, 2:
Aluminium vertical road traffic supports for signs and signal heads, without a bracket. Height from 2 m up to and including 5.4 m, and a maximum planting depth of 600 mm, a circular cross section with a base diameter of 165 mm and nominal wall thickness of 3 mm. Equipped with a single door at 1200 mm above ground level and equipped with a standard expanded inner reinforcement tube. Equipped with an intermediate HDPE sleeve. Backfill: "Rigid type R" according to EN 12767 Annex A: Backfill Types (1).

These passive safety classes have been determined by means of:
(1) full scale crash tests performed by TNO Science & Industry (since 2008: TÜV Rheinland TNO Automotive International B.V. accredited test institute), in conformance with the specifications of EN12767
All passive safety classifications are relevant for columns mounted in standard backfill (type A) as defined in EN 12767 unless explicitly stated otherwise.

placed on the market by

Nedal Aluminium b.v.
Groenewoudsedijk 1
3528 BG Utrecht
Postbus 2020
3500 GA Utrecht

and produced in the manufacturing plant

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This certificate attests that all provisions concerning the assessment and verification of constancy of performance at system 1 and the performances described in Annex ZA of the standard

EN 12899-1:20007

are applied and that

the products fulfil all the prescribed requirements.

This certificate was first issued on 2013-10-15 and will remain valid as long as the harmonised European standard remains valid or the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

B. Meekma

Bouke Meekma
Kiwa

Rijswijk, 2013-10-15