

OCAB OCBS

CE1148 CE1148

Boulevard de l'impératrice Keizerinlaan 66, B-1000 BRUSSELS

Certificate of constancy of performance

1148-CPR-(20)090709

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:

Complete sets of fixed panels of vertical road signs

produced by or for

Sapa Pole Products

Alcoalaan 12

NL-5151 RW DRUNEN

and produced in the manufacturing plants

DRUNEN

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 12899-1:2007

under system **1** are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on (20)090709 and will, unless suspended or withdrawn, remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Brussels, 20141222

Jacques DEFOURNY, Chairman of the Board

The validity of the present certificate is confirmed if visible on the OCAB-OCBS website



CE Certificate: List of approved products

Products	Qualities and categories	Dimensions
Harmonised standard under reference: hEN 12899-1:2007		
<p>A. Supports for use with fixed vertical road traffic signs including signal heads according to EN 12368:2006 and variable message traffic signs according to EN 12966-1:2009</p> <p>Material – Extruded aluminium stepped or conical circular tubes Grade – $f_y = 160 \text{ N/mm}^2$ (characteristic elastic limit) Dimensions expressed in nominal diameter and nominal wall thickness from 76 mm by 2.5 mm to 250 mm by 4.0 mm with</p> <p>Structural Performance declared by the Producer according to hEN12899-1:2007, §5</p> <p>Durability: Resistance to corrosion – Aluminium; SP1 with or without Performance under vehicle impact (passive safety) for single post supports:</p> <ol style="list-style-type: none"> 1. Products with nominal diameter / nominal wall thickness 250 mm / 4.0 mm, with nominal height of 15 m and all smaller members, but over 2 m, supplied with internal shear mechanism and founded using a backfill type X with a TOAD® (***) or a backfill type R (Rigid). Performance under vehicle impact type 100,NE,3 (*) 2. Products with nominal diameter / nominal wall thickness 250 mm / 4.0 mm, with nominal height of 15 m and all smaller members, but over 2 m, supplied with internal shear mechanism and founded using a backfill type X with a TOAD® (***) or a backfill type R (Rigid). Performance under vehicle impact type 70,NE,3 3. Products with nominal diameter / nominal wall thickness 165 mm / 3.3 mm, with nominal height of 10 m and all smaller members, but over 2 m using Standard Soil or Rigid (backfill type S or R). Performance under vehicle impact type 100,NE,2 (*) 4. Products with nominal diameter / nominal wall thickness 165 mm / 3.3 mm, with nominal height of 10 m and all smaller members, but over 2 m using Standard Soil or Rigid (backfill type S or R). Performance under vehicle impact type 70,NE,2 <p>(*) also including multilegged supports with clear distances greater than 1 600 mm in class 100,NE,2 (according to EN 12767:2007, §4.3.7 and Annex F note C ; $1\,600\text{mm} = 1\,500/\cos 20^\circ$) (***) as described in the specific report of the assessment of the performance prepared and issued by OCAB-OCBS for SAPA POLE PRODUCTS</p>		

CE Certificate: List of approved products

Products	Qualities and categories	Dimensions
Harmonised standard under reference: hEN 12899-1:2007		
<p>B. Supports for use with fixed vertical road traffic signs including signal heads according to EN 12368:2006 and variable message traffic signs according to EN 12966-1:2009</p> <p>Material – Extruded aluminium stepped or conical circular tubes Grade – $f_y = 160 \text{ N/mm}^2$ (characteristic elastic limit) Dimensions expressed in nominal diameter and nominal wall thickness Of 145 mm by 3.0 mm with</p> <p>Structural Performance declared by the Producer according to hEN12899-1:2007, §5</p> <p>Durability: Resistance to corrosion – Aluminium; SP1 with or without</p> <p>Performance under vehicle impact (passive safety) for shored up multi-legged supports:</p> <p>5. Products made of multi-legged and shored up supports with nominal diameter / nominal wall thickness 145 mm / 3.0 mm and an offset of 2250 mm at ground level, supplied with internal shear-mechanisms in each leg, used for a maximum sign plate-height of totally 7.5 m and all smaller heights, founded using a backfill type X with a TOAD[®] (**) or a backfill type R (Rigid).</p> <p style="text-align: center;">Performance under vehicle impact type 100,NE,2</p> <p>(**) as described in the specific report of the assessment of the performance prepared and issued by OCAB-OCBS for SAPA POLE PRODUCTS</p>		
<p>C. Supports for use with fixed vertical road traffic signs including signal heads according to EN 12368:2006 and variable message traffic signs according to EN 12966-1:2009</p> <p>Material – Extruded aluminium stepped or conical circular tubes Grade – $f_y = 160$ or 260 N/mm^2 (characteristic elastic limit) Dimensions expressed in nominal diameter and nominal wall thickness from 76 mm by 2.5 mm to 330 mm by 12.5 mm with</p> <p>Structural Performance declared by the Producer according to hEN12899-1:2007, §5</p> <p>Durability: Resistance to corrosion – Aluminium; SP1 Without Performance under vehicle impact (passive safety)</p> <p>6. Products with nominal height of 10 m and all smaller members, but over 2 m.</p>		