

## Certificate of Conformity (CE-Certificate)

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Boulevard de la Plaine Pleinlaan, 5 B-1050 BRUSSELS

1148 - CPD – (20)090709

According to the laws in force about the application of the directive 89/106/EEC of the Council of the European Communities of 21 December 1988 regarding the construction products (Construction Products Directive - CPD), it is certified by OCBS-OCAB (notified body Nr 1148) that

### Sapa Pole Products

Alcoalaan 1, NL-5151 RW Drunen

P.O. Box 75, NL-5150 AB Drunen

In its factory of DRUNEN

applies a

### Factory Production Control (FPC) according to EN 12899 for supports for use with fixed vertical road traffic signs.

The notified body has performed the **Initial Type-Testing of the products**, the **Initial inspection** of the factory and of the factory production control and achieves the **Continuous Surveillance, Assessment and Approval** of factory production control imposed by the harmonised standard EN 12899-1:2007.

This certificate stipulates that all the provisos relating to the attestation of conformity described in Annex ZA of the standards under consideration have been applied. This certificate remains valid three years from the date hereunder mentioned and so long as the conditions specified in the harmonised standards, the conditions of production in the factory or the Factory Production Control do not change significantly.

Brussels, July 09, 2009 (update of July 15, 2011)

Jacques DEFOURNY, Chairman of the Board





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**Sapa Pole Products** in its factory of **DRUNEN**

**CE-Certificate: List of Approved Products**

| Products   | Qualities and categories | Dimensions |
|--|--------------------------|------------|
| Harmonised standard under reference: <b>hEN 12899-1:2007</b>   |                          |            |
| <p><b>Supports for use with fixed vertical road traffic signs</b><br/> including signal heads according to EN 12368:2006<br/> <b>Material – Extruded aluminium stepped or conical circular tubes</b><br/> <b>Grade – <math>f_y = 160 \text{ N/mm}^2</math> (characteristic elastic limit)</b><br/> Dimensions expressed in nominal diameter and nominal wall thickness<br/> <b>from 114 mm by 2.5 mm to 250 mm by 5.25 mm</b> with<br/> <b>Structural Performance declared by the Producer according to</b><br/> <b>hEN12899-1:2007, §5</b><br/> <b>Durability: Resistance to corrosion – Aluminium; SP1 with or without</b><br/> <b>Performance under vehicle impact (passive safety) for single post supports:</b></p> |                          |            |
| <p>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 Standard Soil or Rigid (backfill type S or R).<br/> <b>Performance under vehicle impact type 100,NE,3 (*)</b></p>   |                          |            |
| <p>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 Standard Soil or Rigid (backfill type S or R).<br/> <b>Performance under vehicle impact type 70,NE,3</b></p>  |                          |            |
| <p>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).<br/> <b>Performance under vehicle impact type 100,NE,2 (*)</b></p>   |                          |            |
| <p>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).<br/> <b>Performance under vehicle impact type 70,NE,2</b></p>  |                          |            |
| <p><b>(*)</b> also including multilegged supports with clear distances greater than 1 600 mm in class <b>100,NE,2</b> (according to EN 12767:2007, §4.3.7 and Annex F note C ; <math>1\ 600\text{mm} = 1\ 500/\cos 20^\circ</math>)</p>  |                          |            |



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Brussels, July 09, 2009 (update of November 15, 2011)  
Jacques DEFURNY, Chairman of the Board

