

Certificate of Constancy of Performance

No. 0780-CPR-143031

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation - CPR), this certificate applies to the construction products

Aluminium Lighting Columns
within the scope of the norm mentioned below,
as specified on page 2 of this certificate

produced by

Sapa Profiles NL B.V.
Alcoalaan 1
5151 RW Drunen • The Netherlands

and produced in the manufacturing plant

Sapa Pole Products
Alcoalaan 12
5151 RW Drunen • The Netherlands

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard

EN 40-6:2002

under system 1 for the performances set out are applied and that

the construction products fulfil all the prescribed requirements for these performances.

This certificate replaces EC Certificate of Conformity No. 0336-CPD-09686, first issued on 2007-07-03. It will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction products, and the manufacturing conditions in the plant are not modified significantly, latest until 2019-09-12, unless suspended or withdrawn by the product certification body.

Nuremberg, 2014-09-12

TÜV Rheinland LGA Bautechnik GmbH
Tillystraße 2 • 90431 Nürnberg • Germany
Notified Product Certification Body 0780




Dipl.-Ing. (FH) Günther Jost
Deputy Head of Certification Body

Certificate of Constancy of Performance

No. 0780-CPR-143031

Page 2 of the Certificate of Constancy of Performance dated 2014-09-12

Certified Construction Products:

Aluminium Lighting Columns according to EN 40-6:2002,

Material:

- aluminium alloy EN AW-6060 T66 according EN 755-2.

Forms:

- cylindrical / stepped or
- cylindrical / conical.

Configuration:

- without bracket or with single or double bracket
- with or without two-piece ground level protector
- at least one door, provided with reinforcement within the scope of EN 40-6:2002

Finish:

- performance according EN 40-2
- structural analysis according EN 40-3-1 and EN 40-3-3
- passive safety in compliance with EN 12767:2007 is tested by TASS International, Helmond

In compliance with EN 12767:2007, for the hereunder mentioned product families, the passive safety performances are:

Product family 1:

Columns with diameter / nominal wall thickness 250 mm / 4.0mm, with nominal height of 15 m and all smaller members, but over 2 m, supplied with internal shear-off mechanism and founded in any soil, backfill type X but in combination with a two-piece precast concrete block on ground level (TOAD), or rigid backfill type R.

Passive safety performance type 70, NE, 3 and 100, NE, 3



TÜV Rheinland LGA Bautechnik GmbH • Tillystraße 2 • 90431 Nürnberg • Germany • Notified Body 0780

www.tuv.com

Z_143031E_EN40-6_SAPA.docx // page 2 of 3

 **TÜVRheinland®**
LGA

Certificate of Constancy of Performance

No. 0780-CPR-143031

Page 3 of the Certificate of Constancy of Performance dated 2014-09-12

Product family 2:

Columns with diameter / nominal wall thickness 165 mm / 3.3mm, with nominal height of 10 m and all smaller members, but over 2 m and founded in standard soil, backfill type S or rigid backfill type R.

Passive safety performance type 70, NE, 2 and 100, NE, 2

Product family 3:

Columns with diameter / nominal wall thickness 226 mm / 3.3mm, with nominal height of 8 m and all smaller members, but over 2 m and founded in standard soil, backfill type S

Passive safety performance type 100, NE, 2

Product family 4:

Columns with diameter / nominal wall thickness 226 mm / 3.3mm, with nominal height of 12 m and all smaller members, but over 2 m and founded in standard soil, backfill type S

Passive safety performance type 100, NE, 1

Product family 5:

Columns with diameter / nominal wall thickness 200 mm / 3.3mm, with nominal height from 8 m till 12 m and founded in standard soil, backfill type S

Passive safety performance type 100, LE, 3

Product family 6:

Columns with diameter / nominal wall thickness 226 mm / 3.3mm, with nominal height of 10 m and founded in standard soil, backfill type S

Passive safety performance type 100, LE, 2

Product family 7:

Columns with diameter / nominal wall thickness 200 mm / 4.0mm, with nominal height of 12 m and founded in standard soil, backfill type S

Passive safety performance type 100, LE, 1

Product family 8:

Columns with diameter / nominal wall thickness 200 mm / 3.3mm, with nominal height from 8 m till 12 m, with root section of 2 m, with bottom plate at the end, supplied with a 10 m long, 16 mm diameter graphited and isolated stainless steel cable inside.

Passive safety performance type 100, HE, 3

Product family 9:

Columns with diameter / nominal wall thickness 226 mm / 3.3mm, with nominal height of 15 m and founded in standard soil, backfill type S

Passive safety performance type 100, HE, 2

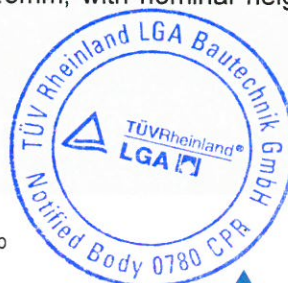
All not mentioned columns

Passive safety performance type 0

TÜV Rheinland LGA Bautechnik GmbH • Tillystraße 2 • 90431 Nürnberg • Germany • Notified Body 0780

www.tuv.com

Z_143031E_EN40-6_SAPA.docx // page 3 of 3



TÜVRheinland®
LGA