



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague, SOE

Akreditované zkušební laboratoře, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgány, Inspekční orgán / Accredited Testing Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies, Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

Notified Body 1020

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1020 – CPR – 090-034159

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:

ROAD RESTRAINT SYSTEM

Variant: Steel safety barrier one-sided

Passco L1 H1-A-W3 (ES 1.33)

Level of restraint	H1
Impact intensity	A
Normalised working width	W3
Normalised vehicle intrusion	V16
Snow removal	NPD

An integral part of this certificate is annex where are specified modifications of road restraint system Passco L1 H1-A-W3 (ES 1.33).

placed on the market under the name or trade mark of

placed on the market under the name or trade mark of

PASS+CO INTERNATIONAL GmbH

Identification No.: DE811750759

Address: Dortmund Str. 8, 57234 Wilnsdorf/ Germany

and produced in the manufacturing plant

Code format PL1

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

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 06.08.2015 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The stamp of the Notified Body 1020
Prague, 12th July 2023



Martin Pešek
Deputy Manager of the Notified Body

Annex to the Certificate No. 1020 – CPR – 090-034159

**List of modification system
Passco L1 H1-A-W3 (ES 1.33)****Modification 1: Equivalent usage of Profile A and Profile B**

An equivalent usage of side beam "passco A-Profile material thickness 2,5 mm steel grade S355JR" and side beam "passco B-Profile material thickness 2,5 mm steel grade S355JR" is possible for the above-mentioned product.

Modification 2: Exchange of components

The geometrically equivalent side beams A/B Profiles (according to drawing RAL-RG 620 L1.1-101 and L1.1-102 respectively, dated 03/2010) are with the corresponding "passco A/B-Profiles" (according to drawing passco 2.1.4 and passco 2.1.1 respectively, dated 13.12.2011) interchangeable.

Modification 3: Equivalence of unalloyed structural steel S355JR and weather resistant structural steel COR-TEN B S355J2W/J0WP

The mechanical properties of the weather resistant structural steel hardly differ from similar unalloyed structural steels. Equivalent usage of unalloyed structural steel S355JR and weather resistant structural steel COR-TEN B S355J2W/J0WP is possible for the above-mentioned product.

Modification 4: Possible use of band galvanizing

The replacement of zinc coating applied on pieces through galvanizing according EN ISO 1461, with band galvanizing according to EN 10346 is possible for side beam A-Profile (RAL Part-No. 001.00) and B-Profile (RAL Part-No. 002.00) and for side beam "passco A-Profile" and "passco B-Profile" (material thickness 2.5 mm steel grade S355JR). This is valid to continuously hot-dip coated steel band corrosion protection systems with zinc (Z) (according to EN 10346-S250GD + 2600 NAC) and with zinc-aluminum (ZA) (according to EN 10346-S250GD and 24300 and 24600-NAC).

Modification 5: Exchange of fasteners

Based on the GD Tech report (PASS+CO/009) an equivalent usage of passco L1 post C100x60x25x5 from material S355 and bolt M10x45, 8.8 is possible for the above-mentioned product.

Modification 6: Exchange of AF beam

Based on the GD Tech report (PASS+CO/009) an equivalent usage of Beam switch from L1 A-profile to French A-profile is possible for the above-mentioned product.

Modification 7: Equivalent usage of 4 mm post

Based on the GD Tech report (PASSCO/2019/008 and PASSCO/2020/004) an equivalent usage of post with thickness 4mm is possible for the above-mentioned product.

Modification 8: MPS protection

Based on the report (PCINT-L1-SYSTEMS-WITH-MPS-28022023) an equivalent usage of additional MPS protection is possible for the above-mentioned product.

Modification 9: Length of the post

Based on report "Modification of systems in accordance EN 1317-5+A2:2012/AC:2012" (PCINT-PASSCO-L1-19062023) an equivalent usage of length of post up to 2500 mm is possible for the above-mentioned product.

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Notified Body 1020

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1020 – CPR – 090-034163

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:

ROAD RESTRAINT SYSTEM

Variant : Steel safety barrier one-sided

Passco L1 N2-A-W2 (ES 1.33)

Level of restraint	N2
Impact intensity	A
Normalised working width	W2
Normalised vehicle intrusion	NPD
Snow removal	NPD

An integral part of this certificate is annex where are specified modifications of road restraint system Passco L1 N2-A-W2 (ES 1.33)

placed on the market under the name or trade mark of

PASS+CO INTERNATIONAL GmbH

Identification No.: DE811750759

Address: Dortmund Str. 8, 57234 Wilnsdorf/ Germany

and produced in the manufacturing plant

Code format PL1

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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.

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Annex to the Certificate No. 1020 – CPR – 090-034163

**List of modification system
Passco L1 N2-A-W2 (ES 1.33)****Modification 1: Equivalent usage of Profile A and Profile B**

An equivalent usage of side beam "passco A-Profile material thickness 2,5 mm steel grade S355JR" and side beam "passco B-Profile material thickness 2,5 mm steel grade S355JR" is possible for the above-mentioned product.

Modification 2: Exchange of components

The geometrically equivalent side beams A/B Profiles (according to drawing RAL-RG 620 L1.1-101 and L1.1-102 respectively, dated 03/2010) are with the corresponding "passco A/B-Profiles" (according to drawing passco 2.1.4 and passco 2.1.1 respectively, dated 13.12.2011) interchangeable.

Modification 3: Equivalence of unalloyed structural steel S355JR and weather resistant structural steel COR-TEN B S355J2W/J0WP

The mechanical properties of the weather resistant structural steel hardly differ from similar unalloyed structural steels. Equivalent usage of unalloyed structural steel S355JR and weather resistant structural steel COR-TEN B S355J2W/J0WP is possible for the above-mentioned product.

Modification 4: Possible use of band galvanizing

The replacement of zinc coating applied on pieces through galvanizing according EN ISO 1461, with band galvanizing according to EN 10346 is possible for side beam A-Profile (RAL Part-No. 001.00) and B-Profile (RAL Part-No. 002.00) and for side beam "passco A-Profile" and "passco B-Profile" (material thickness 2.5 mm steel grade S355JR). This is valid to continuously hot-dip coated steel band corrosion protection systems with zinc (Z) (according to EN 10346-S250GD + 2600 NAC) and with zinc-aluminum (ZA) (according to EN 10346-S250GD and 24300 and 24600-NAC).

Modification 5: Exchange of fasteners

Based on the GD Tech report (PASS+CO/009) an equivalent usage of passco L1 post C100x60x25x5 from material S355 and bolt M10x45, 8.8 is possible for the above-mentioned product.

Modification 6: Exchange of AF beam

Based on the GD Tech report (PASS+CO/009) an equivalent usage of Beam switch from L1 A-profile to French A-profile is possible for the above-mentioned product.

Modification 8: MPS protection


Based on the report (PCINT-L1-SYSTEMS-WITH-MPS-28022023) an equivalent usage of additional MPS protection is possible for the above-mentioned product.

Modification 9: Length of the post

Based on report "Modification of systems in accordance EN 1317-5+A2:2012/AC:2012" (PCINT-PASSCO-L1-19062023) an equivalent usage of length of post up to 2500 mm is possible for the above-mentioned product.

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