DTC - Dynamic Test Center AG

Certificate of constancy of performance

2251-CPR-0008-4-en

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

Duo Rail

Road Restraint System - Safety Barrier
whose performance characteristics are detailed in the attached appendix

produced for

SGGT Strassenausstattungen GmbH
Bahnhofstrasse 35
D-66564 Ottweiler

and produced in the manufacturing plants

UNIMONT - VMS s.r.o., 09413 Dlhé Klčovo 307, Slowakei
SPIG Schutzplanken - Produktions - GmbH & Co KG, Edmund Meiser Strasse 3, D-66839 Schmelz-Limbach

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

under system 1 for the performances set out in this certificate are applied and that the construction product fulfils all the prescribed requirements for these performances.

Notified body
DTC Dynamic Test Center AG
NB 2251 / SCESp 0113

Dynamic Test Center Vauffelin Biel

Date: **18/10/2016**

Dipl. Ing. Murri Raphael
Head of Certification Body

This certificate was first issued on November 26, 2010 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

Translation from German original - In case of doubt, the German version shall prevail

DTC - Dynamic Test Center AG

Appendix to certificate of constancy of performance

2251-CPR-0008-4-en

Performance Characteristics Duo Rail

Road Restraint System - Double-sided Safety Barrier for use in traffic circulation areas with multiple stages
(KA: Corpus + Top case / KAB: Corpus + Top case + Concrete / KAV: Corpus anchored + Top case)

Duo Rail - KA

(Corpus + Top case) — approved on June 07, 2011

Containment level	**H1**
Impact severity level	**B**
Normalized working width	**W6** (2.0 m)
Normalized dyn. deflection	1.4 m
Normalized vehicle intrusion	VI6 (2.0 m)
Resistance snow removal	NPD

Duo Rail - KAB

(Corpus + Top case + Concrete) — approved on June 07, 2011

Containment level	**N2**
Impact severity level	**B**
Normalized working width	**W4** (1.3 m)
Normalized dyn. deflection	0.7 m
Normalized vehicle intrusion	NPD
Resistance snow removal	NPD

Duo Rail - KAB

(Corpus + Top case + Concrete) — approved on June 07, 2011

Containment level	**H1 / L1**
Impact severity level	**B**
Normalized working width	**W5** (1.6 m)
Normalized dyn. deflection	1.0 m
Normalized vehicle intrusion	VI5 (1.6 m)
Resistance snow removal	NPD

Duo Rail - KAB

(Corpus + Top case + Concrete) — approved on June 07, 2011

Containment level	**H2 / L2**
Impact severity level	**B**
Normalized working width	**W7** (2.4 m)
Normalized dyn. deflection	1.8 m
Normalized vehicle intrusion	VI7 (2.2 m)
Resistance snow removal	NPD

Notified body

DTC Dynamic Test Center AG
NB 2251 / SCESp 0113

Date: **18/10/2016**

Dipl. Ing. Murri Raphael
Head of Certification Body

DTC - Dynamic Test Center AG

Appendix to certificate of constancy of performance

2251-CPR-0008-4-en

Performance Characteristics Duo Rail

Road Restraint System - Double-sided Safety Barrier for use in traffic circulation areas with multiple stages
(KA: Corpus + Top case / KAB: Corpus + Top case + Concrete / KAV: Corpus anchored + Top case)

Duo Rail - KAV
(Corpus anchored + Top case) approved on October 18, 2016

Containment level	**H2**
Impact severity level	**B**
Normalized working width	**W3** (0.9 m)
Normalized dyn. deflection	0.8 m
Normalized vehicle intrusion	VI3 (0.9 m)
Resistance snow removal	NPD

Notified body
DTC Dynamic Test Center AG
NB 2251 / SCESp 0113

Date: **18/10/2016**

Dipl. Ing. Murri Raphael
Head of Certification Body

Translation from German original - In case of doubt, the German version shall prevail