INSTYTUT TECHNIKI BUDOWLANEJ
CERTIFICATION DEPARTMENT
ul. FILTROWA 1, 00-611 WARSZAWA
tel.: +48 (22) 57 96 167, +48 (22) 57 96 168
e-mail: certyfikacja@itb.pl, www.itb.pl

CERTIFICATION MARK

The company:

Vik Orsta A/S
Elvagata 20
N-6893 Vik I Sogn
Norway

being the manufacturer of the product:

Vehicle Restraint System
Vik eo

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY"
during the period of validity of the certificate no. 1488-CPR-1015/W

WYRÓB BUDOWLANY

1488-CPR-1015/W

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 07.03.2023

NOTIFIED BODY No. 1488
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AC 020

CERTIFICATE OF CONSTANCY OF PERFORMANCE
1488-CPR-1015/W

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

Vehicle Restraint System
Vik eo

general identification, intended use and performance of the product are described in the Annex No. Z-1488-CPR-1015/W which is an integral part of this certificate

placed on the market under the name or trade mark of:

Vik Orsta A/S
Elvagata 20
N-6893 Vik I Sogn
Norway

and produced in the manufacturing plants:

Vik Orsta A/S
Elvagata 20
N-6893 Vik I Sogn
Norway

Inter Metal Sp. z o.o.
ul. Marcinkowskiego 150
88-100 Inowrocław
Poland

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
with the corrigendum
EN 1317-5:2007+A2:2012/AC:2012

under system1 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 07.03.2023 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

HEAD
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Warsaw, 07.03.2023

ZAKŁAD CERTYFIKACJI

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PCA Polskie Centrum Akredytacji – Certyfikacja Wyrobów
AC 020

Annex no. Z-1488-CPR-1015/W, page 1/2 to the Certificate no. 1488-CPR-1015/W

Type of barrier	Containment level	Impact severity	Normalized working width	Normalized dynamic deflection	Normalized vehicle intrusion	Identyfication/ Test report	Type of impact test	Durability	Resistance to snow removal
Vik eo	H2	A	W4	1,1	VI5	TO-2/23/20 TO-2/22/20 IBDiM technical opinion no. TO-401/117/5380/2020 IBDiM technical opinion no. TO-401/14/370/2021 IBDiM technical opinion no. TO-401/42/751/2021 IBDiM technical opinion no. TO-401/68/2589/2021 IBDiM technical opinion no. TO-401/026/635/2022	TB 11 TB 51	hot-dip galvanising in accordance with EN ISO 1461	4
	N2	B	W1	0,5	-	TO-2/23/20 TO-2/18/21 IBDiM technical opinion no. TO-401/026/635/2022	TB 11 TB 32	hot-dip galvanising in accordance with EN ISO 1461	4
	L2	B	W4	1,1	VI5	TO-2/23/20 TO-2/18/21 TO-2/22/20 IBDiM technical opinion no. TO-401/026/635/2022	TB 11 TB 32 TB 51	hot-dip galvanising in accordance with EN ISO 1461	4

Modification no. 1 (related to H2 containment level)
Modification – category B according to EN 1317-5:2007+A2:2012 with the corrigendum EN 1317-5:2007+A2:2012/AC:2012
Scope of modification: changing the beam from type B to type A
Related documents:
IBDiM technical opinion no. TO-401/117/5380/2020 of 16.10.2020
Technical Report no. 188004 of 05.10.2020
Technical Report no. 189004 of 06.10.2020
Installation instructions for the Vehicle Restraint System Vik eo issue 10/2020
Technical drawings no. K134010-1-1 and K134020-1-1

Modification no. 2 (related to H2 containment level)
Modification – category B according to EN 1317-5:2007+A2:2012 with the corrigendum EN 1317-5:2007+A2:2012/AC:2012
Scope of modification: changing the guide profile from type A with the number M1-103 to type A with the number 60066
Related documents:
IBDiM technical opinion no. TO-401/14/370/2021 of 20.01.2021
Technical Report no. 188004 of 05.10.2020
Technical Report no. 189004 of 06.10.2020
The static calculation of 30.11.2020 (the guide profile type A with the number M1-103)
The static calculation of 01.12.2020 (the guide profile type A with the number 60066)
Installation instructions for the Vehicle Restraint System Vik eo issue 01/2021
Technical drawing no. K134010-2-1

Modification no. 3 (related to H2 containment level)
Modification – category B according to EN 1317-5:2007+A2:2012 with the corrigendum EN 1317-5:2007+A2:2012/AC:2012
Scope of modification: possibility of installing the Vehicle Restraint System Vik eo with a height of 0.85 m
Related documents:
IBDiM technical opinion no. TO-401/42/751/2021 of 08.02.2021
Technical Report no. 188004 of 05.10.2020
Technical Report no. 189004 of 004.02.2021
Installation instructions for the Vehicle Restraint System Vik eo issue 02/2021
Technical drawing no. K134020-M2-1

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Warsaw, 07.03.2023

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Annex no. Z-1488-CPR-1015/W, page 2/2 to the Certificate no. 1488-CPR-1015/W

Modification no. 4 (related to H2 containment level)
Modification – category B according to EN 1317-5:2007+A2:2012 with the corrigendum EN 1317-5:2007+A2:2012/AC:2012
Scope of modification: the possibility of replacing the B-type beam with the SLO-type beam
Related documents:
IBDiM technical opinion no. TO-401/68/2589/2021 of 10.05.2021
Technical Report no. 188004 of 05.10.2020
Technical Report no. 189009 of 03.05.2021
Installation instructions for the Vehicle Restraint System Vik eo issue 05/2021
Technical drawing no. K134010-M4-1

Modification no. 5 (related to H2, N2 and L2 containment levels)
Modification – category B according to EN 1317-5:2007+A2:2012 with the corrigendum EN 1317-5:2007+A2:2012/AC:2012
Scope of modification: the possibility of interchangeable use of a post in soil, type C100x60x25, L=1500 mm, wall thickness 5 mm, made of S355 steel for a post type C100x60x25, L=670 mm, wall thickness 5 mm, made of steel S355 with a baseplate from steel anchored to a concrete base
Related documents:
IBDiM technical opinion no. TO-401/026/635/2022 of 07.02.2022
Technical Report no. R-2021-043 of 10.12.2021
Technical Report no. R-2021-046 of 13.12.2021
Technical Report no. R-2021-042 of 10.12.2021
Technical Report no. R-2021-045 of 13.12.2021
Technical Report no. R-2021-044 of 13.12.2021
Technical Report no. R-2021-047 of 13.12.2021
Installation instructions for the Vehicle Restraint System Vik eo issue 10/2021
Technical drawing no. K1xx020-1-1

Modification no. 6 (related to H2, N2 and L2 containment levels)
Modification – category A according to EN 1317-5:2007+A2:2012 with the corrigendum EN 1317-5:2007+A2:2012/AC:2012
Scope of modification:
change of post width tolerance according to technical drawing V1-506 rev.2 of 11.01.2023 from 100±2 mm to 100±3 mm
Related documents:
Installation instructions for the Vehicle Restraint System Vik eo issue 01/2023
Technical drawing no. V1-506 rev.2 of 11.01.2023

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Warsaw, 07.03.2023