NOTIFIED BODY No. 1488
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

AC 020

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1488-CPR-0896/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
MegaRail eo

general identification, intended use and performance of the product are described in the Annex No. Z-1488-CPR-0896/W which is an integral part of this certificate

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

Saferoad Restraint Systems GmbH
Bongard-und-Lind-Straße 1
DE-56414 Weroth
Germany

and produced in the manufacturing plants:

Saferoad Production Sp. z o.o.
ul. Marcinkowskiego 150
88-100 Inowrocław, Poland

Vik Orsta A/S
Elvegata 20
N-6893 Vik i Sogn, Norway

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 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 20.11.2020 (updated on 28.01.2021, 23.02.2021, 24.05.2021, 17.02.2022, 19.01.2023, 28.05.2024, 17.12.2024, 13.11.2025) 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 13.11.2025

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The original is property of Saferoad Restraint Systems GmbH, Bongard-und-Lind-Straße 1, 56414 Weroth, Germany

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Annex no. Z-1488-CPR-0896/W, page 1/2
which is an integral part of the certificate No. 1488-CPR-0896/W

Vehicle Restraint System MegaRail eo

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
MegaRail 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 IBDiM technical opinion no. TO-401/054/2187/2024 IBDiM technical opinion no. TO-401/091/2852/2024	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 IBDiM technical opinion no. TO-401/091/2852/2024	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 IBDiM technical opinion no. TO-401/091/2852/2024	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 MegaRail 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 MegaRail eo issue 01/2021
Technical drawing no. K134010-2-1

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of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.

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DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 13.11.2025

Publicate
Original Certyfikat Saferoad Restraint Systems GmbH, Hugo-Lind-Straße 1, 56414 Wirges, Germany

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Annex no. Z-1488-CPR-0896/W, page 2/2
which is an integral part of the certificate No. 1488-CPR-0896/W

Vehicle Restraint System MegaRail eo

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 MegaRail 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 MegaRail eo issue 02/2021
Technical drawing no. K134020-M2-1

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 MegaRail 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 MegaRail 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 MegaRail eo issue 01/2023
Technical drawing no. V1-506 rev.2 of 11.01.2023

Modification no. 7 (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 to include the option of installing this system with posts of length L=2600 mm
Related documents:
IBDiM technical opinion no. TO-401/054/2187/2024 of 22.04.2024
Technical Report no. TH_Report249-22-2 of 14.02.2022
Installation instructions for the Vehicle Restraint System MegaRail eo issue 04/2024
Technical drawings no. K134010-M6-1 and no. K134020-M6-1

Modification no. 8
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 using both S235JR/S355JR steel and the equivalent corten steel S235JOW/S355JOW in the production of the above system
Related documents:
IBDiM technical opinion no. TO-401/091/2852/2024 of 10.09.2024
Installation instruction for the Vehicle Restraint System MegaRail eo issue 12/2024
Technical drawing no. A10340-M08-1

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

DEPUTY DIRECTOR
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Anna Panek, M.Sc. Eng.

Warsaw, 13.11.2025

Duplicate
Original Property of Safe-Road Restraint Systems GmbH, Bongard-und-Straße 1, 56414 Weroth, Germany

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CERTIFICATION MARK

The company:

Saferoad Restraint Systems GmbH
Bongard-und-Lind-Straße 1
DE-56414 Weroth
Germany

being the manufacturer of the product:

Vehicle Restraint System
MegaRail eo

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY"
during the period of validity of the certificate no. 1488-CPR-0896/W

WYRÓB BUDOWLANY

1488-CPR-0896/W

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DEPUTY DIRECTOR
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Anna Panek, M.Sc. Eng.

Warsaw, 13.11.2025

Leistungserklärung · Declaration of Performance

No. 1340/20251113

nach Bauproduktenverordnung 305/2011 für das Rückhaltesystem
In accordance with construction products regulation 305/2011 for restraining systems

MegaRail eo

Hersteller Manufacturer	Saferoad Restraint Systems GmbH Bongard-und-Lind-Straße 1 56414 Weroth/ Germany			
Eindeutiger Kenncode des Produkttyps Unique identification code of the product-type	**MegaRail eo**			
Verwendungszweck Intended use	Fahrzeugrückhaltesystem im Straßenverkehrsraum Vehicle Restraint System for circulations areas			
System zur Bewertung und Überprüfung der Leistungsbeständigkeit System of AVCP	1			
Notifizierte Stelle Notified Body	INSTYTUT TECHNIKI BUDOWLANEJ ul. Filtrowa 1 00-611 Warszawa/ Poland			
EU-Notifizierungsnummer EU-Notification number	1488			
Wesentliche Merkmale Declared performances				
Leistung beim Anprall Performance under impact	Aufhaltestufe Containment Level	**H2**	**N2**	**L2**
	Anprallheftigkeit Impact Severity	**A**	**B**	**B**
	Normalisierter Wirkungsbereich Normalized Working Width	**W4**	**W1**	**W4**
	Normalisierte Dynamische Durchbiegung [m] Normalized Dynamic Deflection [m]	**1.1**	**0.5**	**1.1**
	Normalisierte Fahrzeugeindringung Normalized Vehicle Intrusion	**VI5**	**-**	**VI5**
Dauerhaftigkeit Durability	Stahl, verzinkt nach EN 1461 Steel, galvanized according to EN 1461			
Klasse der Beständigkeit gegenüber Schneeräumung Snow Removal Class	4			
Zertifikat der Leistungsbeständigkeit Certificate of consistency of performance	1488-CPR-0896/W			
Harmonisierte Norm Harmonised standard	EN 1317-5:2007+A2:2012, EN 1317-5:2007+A2:2012/AC:2012			

Die Leistung des vorstehenden Produkts entspricht den erklärten Leistungen. Für die Erstellung der Leistungserklärung im Einklang mit der Verordnung (EU) Nr. 305/2011 ist allein der obengenannte Hersteller verantwortlich.
The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Weroth, 13.11.2025

i. V.

Thomas Knaus

Manager Technical Certifications

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