NOTIFIED BODY No. 1488
INSTYTUT TECHNIKI BUDOWLANEJ
CERTIFICATION DEPARTMENT
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e-mail: certification@itb.pl, www.itb.pl

AC 020

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1488-CPR-0981/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 et

general identification, intended use and performance of the product are described in the Annex No. Z-1488-CPR-0981/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

Saferoad Vik Ørsta A/S
Elvagata 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 26.01.2022 (updated on 10.02.2023, 19.05.2023, 28.05.2024, 17.12.2024, 30.06.2025, 12.02.2026, 17.07.2026) 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

DEPUTY HEAD
of the Certification Department

Magdalena Wójtowicz, M.Sc. Eng.

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 17.07.2026

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Annex no. Z-1488-CPR-0981/W, page 1/3

to the Certificate no. 1488-CPR-0981/W

Vehicle Restraint System MegaRail et

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 et	H2	A	W3	0,8	VI5	TO-2/23/21 TO-2/22/21 IBDiM technical opinion no. TO-401/212/7312/2021 IBDiM technical opinion no. TO-401/007/213/2023 IBDiM technical opinion no. TO-401/054/2187/2024 IBDiM technical opinion no. TO-401/091/2852/2024 IBDiM technical opinion no. TO-401/136/6092/2024 IBDiM technical opinion no. TO-401/137/6093/2024 IBDiM technical opinion no. TO-401/011/1432/2025 IBDiM technical opinion no. TO-401/017/3300/2025 IBDiM technical opinion no. TO-401/007/2255/2026	TB 11 TB 51	hot-dip galvanising in accordance with EN ISO 1461	4
	N2	A	W2	0,7	-	TO-2/23/21 TO-2/11/24 IBDiM technical opinion no. TO-401/212/7312/2021 IBDiM technical opinion no. TO-401/007/213/2023 IBDiM technical opinion no. TO-401/054/2187/2024 IBDiM technical opinion no. TO-401/091/2852/2024 IBDiM technical opinion no. TO-401/136/6092/2024 IBDiM technical opinion no. TO-401/137/6093/2024 IBDiM technical opinion no. TO-401/011/1432/2025 IBDiM technical opinion no. TO-401/017/3300/2025 IBDiM technical opinion no. TO-401/007/2255/2026	TB 11 TB 32	hot-dip galvanising in accordance with EN ISO 1461	4
	L2	A	W3	0,8	VI5	TO-2/23/21 TO-2/11/24 TO-2/22/21 IBDiM technical opinion no. TO-401/212/7312/2021 IBDiM technical opinion no. TO-401/007/213/2023 IBDiM technical opinion no. TO-401/054/2187/2024 IBDiM technical opinion no. TO-401/091/2852/2024 IBDiM technical opinion no. TO-401/136/6092/2024 IBDiM technical opinion no. TO-401/137/6093/2024 IBDiM technical opinion no. TO-401/011/1432/2025 IBDiM technical opinion no. TO-401/017/3300/2025 IBDiM technical opinion no. TO-401/007/2255/2026	TB 11 TB 32 TB 51	hot-dip galvanising in accordance with EN ISO 1461	4

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Warsaw, 17.07.2026

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Annex no. Z-1488-CPR-0981/W, page 2/3

to the Certificate no. 1488-CPR-0981/W

Vehicle Restraint System MegaRail et

Modification no. 1
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 A-type beam
Related documents:
IBDiM technical opinion no. TO-401/212/7312/2021 of 28.12.2021
Technical Report no. 188013 of 13.12.2021
Technical Report no. 189012 of 15.12.2021
Installation instructions for the Vehicle Restraint System MegaRail et issue 11/2021 and issue 12/2021
Technical drawings no. K137020-1-1 and no. K137010-M1-1

Modification no. 2
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 of the MegaRail et system with the height reduced from 0.85 m to 0.75 m by shortening the top part of the post. However, the depth of embedment of the post in the ground does not change
Related documents:
IBDiM technical opinion no. TO-401/007/213/2023 of 16.01.2023
Technical Report no. 188013 rev.1 of 13.01.2023
Technical Report no. R-2022-038 of 08.12.2022
Installation instructions for the Vehicle Restraint System MegaRail et issue 01/2023
Technical drawings no. K137010-M2-1 and no. K137020-M2-1

Modification no. 3
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 A-type beam (refers to the A-type beam with number 60066)
Related documents:
IBDiM technical opinion no. TO-401/212/7312/2021 of 28.12.2021
Technical Report no. 188013 of 13.12.2021
Technical Report no. 189012 of 15.12.2021
Installation instructions for the Vehicle Restraint System MegaRail et issue 05/2023
Technical drawing no. K137010-M3-1

Modification no. 4
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 et issue 04/2024
Technical drawings no. K137010-M4-1 and no. K137020-M4-1

Modification no. 5
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 et issue 12/2024
Technical drawing no. A10370-M06-1
Technical Report no. R-2024-057 of 24.09.2024
Technical Report no. R-2024-060 of 24.09.2024
Technical Report no. R-2024-058 of 24.09.2024
Technical Report no. R-2024-061 of 24.09.2024
Installation instructions for the Vehicle Restraint System MegaRail et V.01 of 05.12.2024
Technical drawing no. A10370-M05-1

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Annex no. Z-1488-CPR-0981/W, page 3/3

to the Certificate no. 1488-CPR-0981/W

Vehicle Restraint System MegaRail et

Modification no. 6
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 using both a post type C100x60, L = 800 mm, wall thickness 5 mm, made of steel S355RJ with a base in the form of a steel plate anchored to concrete slab (used in the actual TB32 test) and a post type C100x60, L=1500 mm, wall thickness 5 mm, made of S355RJ steel driven into the ground and consists in the possibility of using either a post driven into the ground of type C100x60, L=1500 mm, wall thickness 5 mm, made of S355RJ steel (used in the actual tests TB51 and TB11) and a post of type C100x60, L=800 mm, wall thickness 5 mm, made of S355RJ steel with a base in the form of a steel plate anchored to the concrete slab
Related documents:
IBDiM technical opinion no. TO-401/136/6092/2024 of 09.12.2024
IBDiM technical opinion no. TO-401/137/6093/2024 of 09.12.2024
Technical Report no. R-2024-056 of 24.09.2024
Technical Report no. R-2024-059 of 24.09.2024

Modification no. 7
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: is to include the option of installing the aforementioned barriers using posts with lengths ranging from those used in real crash tests to a lenghts of L=2600 mm
Related documents:
IBDiM technical opinion no. TO-401/011/1432/2025 of 26.03.2025
Installation instructions for the Vehicle Restraint System MegaRail et V.02 of 27.03.2025
Technical drawing no. A10370-M07-1

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: the compatibility of an accessory in the form of a handrail with a sub-step for safe passage to the other side of road barriers consisting of a beam connected directly to a steel post driven into the ground
Related documents:
IBDiM technical opinion no. TO-401/017/3300/2025 of 21.07.2025
Technical Report no. TO-2/P/06/25 of 27.06.2025
Installation instruction for the Vehicle Restraint System MegaRail et V.03 of 14.10.2025
Technical drawings no.: A10370-M08-1 from 03/2025, 9247 of 01.04.2025 and 9247/1 of 01.04.2025

Modification no. 9
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 using an accessory in the above barrier system in the form of a protective belt for motorcyclists, in accordance with installation drawing A10370-M09
Related documents:
IBDiM technical opinion no. TO-401/007/2255/2026 of 02.06.2026
Technical Report no. TO-2/P/04/26 of 25.05.2026
Technical Report no. TO-2/P/05/26 of 25.05.2026
MegaRail et Installation instruction V.04 2026-06-02
Technical drawing no. A10370-M09-R of 30.04.2026

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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 et

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY"
during the period of validity of the certificate no. 1488-CPR-0981/W

WYRÓB BUDOWLANY

1488-CPR-0981/W

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Warsaw, 17.07.2026

Leistungserklärung · Declaration of Performance

No. 1370/20260717

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

MegaRail et

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 et**			
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**	**L2**	**N2**
	Anprallheftigkeit Impact Severity	**A**	**A**	**A**
	Normalisierter Wirkungsbereich Normalized Working Width	**W3**	**W3**	**W2**
	Normalisierte Dynamische Durchbiegung [m] Normalized Dynamic Deflection [m]	**0.8**	**0.8**	**0.7**
	Normalisierte Fahrzeugeindringung Normalized Vehicle Intrusion	**VI5**	**VI5**	**NPD**
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-0981/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, 17.07.2026

i. V.

Thomas Knaus

Manager Technical Certifications

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