**NOTIFIED BODY No. 1488**
**INSTYTUT TECHNIKI BUDOWLANEJ**
**CERTIFICATION DEPARTMENT**
ul. FILTROWA 1, 00-611 WARSZAWA
ph.:+ 48 (22) 57 96 167, + 48 (22) 57 96 168
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AC 020

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

# 1488-CPR-1019/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 ex

general identification, intended use and performance of the product are described in the Annex No. Z-1488-CPR-1019/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 plant:**

**Saferoad Production 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 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 09.12.2022 (updated on 02.10.2023, 24.10.2023, 24.02.2025, 11.08.2025, 25.09.2025, 24.09.2026) 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 24.09.2026

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

# NOTIFIED BODY No. 1488
# INSTYTUT TECHNIKI BUDOWLANEJ
## CERTIFICATION DEPARTMENT

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# Annex no. Z-1488-CPR-1019/W, page 1/2

**which is an integral part of the certificate No. 1488-CPR-1019/W**

## Vehicle Restraint System MegaRail ex

| 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 ex | H1 | A | W2 | 0,7 | VI4 | 1411<br>1410<br>IBDiM technical opinion no. TO-401/291/5152/2022<br>IBDiM technical opinion no. TO-401/216/3981/2022<br>IBDiM technical opinion no. TO-401/077/4008/2023<br>IBDiM technical opinion no. TO-401/133/5926/2024<br>IBDiM technical opinion no. TO-401/011/1432/2025<br>IBDiM technical opinion no. TO-401/016/3464/2026 | TB 11<br>TB 42 | hot-dip galvanising in accordance with EN ISO 1461 | 3 |

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 interchangeable use during the assembly of the posts C 100x60x25x4 „C" type stiffener for „U" type stiffener
Related documents:
IBDiM technical opinion no. TO-401/291/5152/2022 of 14.10.2022
Test report no. ST_Report040 of 06.12.2016
Installation instructions for the Vehicle Restraint System MegaRail ex issue 10/2022
Technical drawings no. K122010-1-1 and K122010-M5-1

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 using a handrail for pedestrians attached to the system by means of steel pipes flattened at one end
Related documents:
IBDiM technical opinion no. TO-401/216/3981/2022 of 12.08.2022
Technical Report no. TO-2/P/07/22 of 11.08.2022
Technical Report no. TO-2/P/08/22 of 11.08.2022
Installation instructions for the Vehicle Restraint System MegaRail ex issue 10/2022
Technical drawings no. K122010-1-1 and K122010-M5-1

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 using the post about wall thickness 5 mm instead of a set consisting of the post about wall thickness 4 mm and an element stiffening the post
Related documents:
IBDiM technical opinion no. TO-401/077/4008/2023 of 03.08.2023
Calibration test report no. TO-2/P/07/22 of 11.08.2022
Report on the modification test no. TO-2/P/01/23 of 31.07.2023
Installation instruction for the Vehicle restraint system MegaRail ex issue 08/2023 taking into account the changes made in the construction of the product
Technical documentation for the Vehicle Restraint System MegaRail ex: Technical drawing no. K122010-M6-1

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Warsaw, 24.09.2026

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# Annex no. Z-1488-CPR-1019/W, page 2/2

**which is an integral part of the certificate No. 1488-CPR-1019/W**

## Vehicle Restraint System MegaRail ex

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: the possibility of interchanging the arrangement of holes connecting the beam along its length
Related documents:
The static calculations no. 186026 (M1-102 vs. 9184) of 09/2023 confirming that changing the arrangement of the holes connecting the beam along its length does not reduce the strength
Profile identification before modification: M1-102 (drawing no. M1-102 of 16.06.2016 (change of item number from 07.2020))
Profile identification after modification: 9184 (drawing no. 9184 of 14.09.2023)
Installation instruction for the Vehicle restraint system MegaRail ex issue 09/2023 taking into account the changes made in the construction of the product
Technical documentation for the Vehicle Restraint System MegaRail ex: Technical drawing no. K122010-M7-1

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: the possibility of interchangeable use of both type A and type B beams
Related documents:
IBDiM technical opinion no. TO-401/133/5926/2024 of 02.12.2024
Test report no. TO-2/P/07/22 of 11.08.2022
Test report no. TO-2/P/01/24 of 29.11.2024
Installation instructions for the Vehicle Restraint System MegaRail ex issue 12/2024
Technical drawing no. K123020-M8-1

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: to include the option of installing the aforementioned barriers using posts with lengths ranging from those used in real crash tests from L=1500 mm to a lengths 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 ex V.02 of 25.06.2025
Technical drawing no. A10220-M09-1

Modification no. 7
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 the production tolerance of the post strengthening from +/-2 mm to +0/-5 mm on 45 mm dimension
Related documents:
The static calculation no. 186078 (85x45x5 with tolerance +0/-5 mm) of 07/2025 confirming that changing of the production tolerance of the post strengthening from +/-2 mm to +0/-5 mm on 45 mm dimension does not reduce the strength
Technical drawings no. E3-201 of 25.07.2016 and no. E3-201 rev. 4 of 10.07.2025

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: use of both the C100x60x25x4 mm, L=1500 mm ground-driven post, made of S355RJ steel (used in the real TB42 and TB11 tests) as well as a C100x60x5 mm, L=700 mm bridge post made of S355RJ steel with a baseplate anchored to a concrete foundation in the aforementioned barrier system
Related documents:
IBDiM technical opinion no. TO-401/016/3464/2026 of 20.08.2026
Technical Report no. R-2024-031 of 13.03.2024
Technical Report no. R-2020-064 v.1 of 05.10.2020
Technical Report no. R-2026-063 of 04.06.2026
Technical Report no. R-2026-064 of 04.06.2026
MegaRail ex Installation instruction V.04 2026-06-08
Technical drawing no. A10220-M10-R of 05.05.2026

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Warsaw, 24.09.2026

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This is a duplicate of the European Assessment Document issued by Road Restraint Systems GmbH, Siegfried-Leopold-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 ex

**is authorized to use**
**the ITB certification mark „WYRÓB BUDOWLANY"**
**during the period of validity of the certificate no. 1488-CPR-1019/W**

WYRÓB BUDOWLANY

## 1488-CPR-1019/W

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DEPUTY DIRECTOR
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Anna Panek, M.Sc. Eng.

Warsaw, 24.09.2026

# Leistungserklärung · Declaration of Performance

No. 1220/20260924

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

# MegaRail ex

| | |
|---|---|
| Hersteller<br>Manufacturer | Saferoad Restraint Systems GmbH<br>Bongard-und-Lind-Straße 1<br>56414 Weroth/ Germany |
| Eindeutiger Kenncode des Produkttyps<br>Unique identification code of the product-type | **MegaRail ex** |
| Verwendungszweck<br>Intended use | Fahrzeugrückhaltesystem im Straßenverkehrsraum<br>Vehicle Restraint System for circulations areas |
| System zur Bewertung und Überprüfung der Leistungsbeständigkeit<br>System of AVCP | 1 |
| Notifizierte Stelle<br>Notified Body | INSTYTUT TECHNIKI BUDOWLANEJ<br>ul. Filtrowa 1<br>00-611 Warszawa/ Poland |
| EU-Notifizierungsnummer<br>EU-Notification number | 1488 |
| Wesentliche Merkmale<br>Declared performances | |

| | | |
|---|---|---|
| Leistung beim Anprall<br>Performance under impact | Aufhaltestufe<br>Containment Level | **H1** |
| | Anprallheftigkeit<br>Impact Severity | **A** |
| | Normalisierter Wirkungsbereich<br>Normalized Working Width | **W2** |
| | Normalisierte Dynamische Durchbiegung [m]<br>Normalized Dynamic Deflection [m] | **0.7** |
| | Normalisierte Fahrzeugeindringung<br>Normalized Vehicle Intrusion | **VI4** |
| Dauerhaftigkeit<br>Durability | Stahl, verzinkt nach EN 1461<br>Steel, galvanized according to EN 1461 | |
| Klasse der Beständigkeit gegenüber Schneeräumung<br>Snow Removal Class | 3 | |

| | |
|---|---|
| Zertifikat der Leistungsbeständigkeit<br>Certificate of consistency of performance | 1488-CPR-1019/W |
| Harmonisierte Norm<br>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, 24.09.2026

i. V.

**Thomas Knaus**

Manager Technical Certifications

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