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-0788/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 xp
Vehicle Restraint System MegaRail xpb
Vehicle Restraint System MegaRail xm

general identification, intended use and performance of the products are described in the Annex No. Z-1488-CPR-0788/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 27.11.2019 (updated on 10.12.2020, 30.08.2021, 10.02.2022, 05.09.2022, 16.08.2023, 05.12.2025) 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 05.12.2025

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ZAKŁAD CERTYFIKACJI

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PCA Polskie Centrum Akredytacji
CERTYFIKACJA WYROBÓW
AC 020

Annex no. Z-1488-CPR-0788/W, page 1/1

which is an integral part of the certificate No. 1488-CPR-0788/W

Vehicle Restraint System MegaRail xp
Vehicle Restraint System MegaRail xpb
Vehicle Restraint System MegaRail xm

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 xp	H2	A	W5	1,6	VI6	TO-2/37/19-1 TO-2/35/19-1	TB 11 TB 51	hot-dip galvanising in accordance with EN ISO 1461	4
	H1	A	W3	0,8	VI4	TO-2/37/19-1 TO-2/28/20	TB 11 TB 42	hot-dip galvanising in accordance with EN ISO 1461	4
	N2	A	W2	0,7	-	TO-2/37/19-1 TO-2/06/22	TB 11 TB 32	hot-dip galvanising in accordance with EN ISO 1461	4
	L1	A	W3	0,8	VI4	TO-2/37/19-1 TO-2/06/22 TO-2/28/20	TB 11 TB 32 TB 42	hot-dip galvanising in accordance with EN ISO 1461	4
	L2	A	W5	1,6	VI6	TO-2/37/19-1 TO-2/06/22 TO-2/35/19-1	TB 11 TB 32 TB 51	hot-dip galvanising in accordance with EN ISO 1461	4
MegaRail xpb	H1	A	W3	0,8	VI5	TO-2/37/19-1 TO-2/11/21	TB 11 TB 42	hot-dip galvanising in accordance with EN ISO 1461	4
MegaRail xm	H2	A	W5	1,5	VI7	TO-2/37/19-1 TO-2/05/23	TB 11 TB 51	hot-dip galvanising in accordance with EN ISO 1461	4

Modification no.1 (applies to the Vehicle Restraint System MegaRail xp and the Vehicle Restraint System MegaRail xm)
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: adding an anti-reflection system
Related documents:
Installation instruction for the Vehicle Restraint System MegaRail xp issue 10/2020
Technical drawings no. K131000-1-2 and K131000-2-2
Modification no.2 (applies to the Vehicle Restraint System MegaRail xp and the Vehicle Restraint System MegaRail xpb)
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 pattern of holes on the box profile
and adding extra M12 bolt in a box joint
Related documents:
The static calculations of 01.12.2020 performed acc. to Eurocode 3: Design of steel structures, confirming that the modification no. 2 does not reduce the strength
Profile identification before modification: L2-304 (drawing no. L2-304 rev. B of 17.09.2020)
Profile identification after modification: M2-304 (drawing no. M2-304 rev. 1 of 07.10.2020)
Installation instruction for the Vehicle Restraint System MegaRail xp issue 10/2020
Technical drawings no. K131000-1-2 and K131000-2-2
Modification no.3 (applies to all the Vehicle Restraint Systems listed on the certificate)
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 method of connecting profile with profile (M2-303/400+E1-401 vs. L2-304)
Related documents:
The static calculations no. 186019 issue 06/2021 (M2-303/400+E1-401 vs. L2-304) confirming that that the change of the method of joining the profile with the profile does not reduce the strength
Profile identification before modification: L2-304 (drawing no. L2-304 rev. B of 17.09.2020)
Identyfikacja profilu po modyfikacji: M2-303/400 (drawing no. M2-303/400 of 29.06.2021) + E1-401 (drawing no. E1-401 of 11.05.2017)
Installation instruction for the Vehicle Restraint System MegaRail xp issue 07/2021
Installation instruction for the Vehicle Restraint System MegaRail xpb issue 06/2021
Technical drawings no. K131000-M3-1 oraz K1xx000-1-1
Modification no.4 (applies to all the Vehicle Restraint Systems listed on the certificate)
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: the possibility of interchangeable use of a hexagonal bolt M12x45, 8.8 instead of a panhead bolt M12x35, 8.8 used as an additional M12 bolt in a box joint
Related documents:
Installation instruction for the Vehicle Restraint System MegaRail xp issue 01/2022
Installation instruction for the Vehicle Restraint System MegaRail xpb issue 01/2022
Technical drawings no. K131000-M4-2 and K1xx000-M4-2

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, 05.12.2025

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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 products:

Vehicle Restraint System MegaRail xp
Vehicle Restraint System MegaRail xpb
Vehicle Restraint System MegaRail xm

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY"
during the period of validity of the certificate no. 1488-CPR-0788/W

WYRÓB BUDOWLANY

1488-CPR-0788/W

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HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

Warsaw, 05.12.2025

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Leistungserklärung · Declaration of Performance

No. 1310/20251205

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

MegaRail xp

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 xp**
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**	**H1/L1**	**N2**
	Anprallheftigkeit Impact Severity	**A**	**A**	**A**
	Normalisierter Wirkungsbereich Normalized Working Width	**W5**	**W3**	**W2**
	Normalisierte Dynamische Durchbiegung [m] Normalized Dynamic Deflection [m]	**1.6**	**0.8**	**0.7**
	Normalisierte Fahrzeugeindringung Normalized Vehicle Intrusion	**VI6**	**VI4**	**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-0788/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, 05.12.2025

i. V.

Thomas Knaus

Manager Technical Certifications

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