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-0783/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 xo

general identification, intended use and performance of the product are described in the Annex No. Z-1488-CPR-0783/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 08.11.2019 (updated on 28.04.2020, 04.03.2021, 10.02.2022, 17.12.2025) 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

DEPUTY HEAD
of the Certification Department

Piotr Szczebiot, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 17.12.2025

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This 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-0783/W, page 1/1

which is an integral part of the certificate No. 1488-CPR-0783/W

Vehicle Restraint System MegaRail xo

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 xo	N2	A	W3	0,8 m	-	TO-2/37/19-1 TO-2/38/19-1	TB 11 TB 32	hot-dip galvanising in accordance with EN ISO 1461	4
	H1	A	W4	1,1 m	VI5	TO-2/37/19-1 TO-2/39/19-1	TB 11 TB 42		
	L1	A	W4	1,1 m	VI5	TO-2/37/19-1 TO-2/38/19-1 TO-2/39/19-1	TB 11 TB 32 TB 42		

Modification no.1
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 xo issue 02/2021
Technical drawings no. K132000-1-2 and K132000-2-2

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: changing the pattern of holes on the box profile
and adding extra M12 bolt in a box joint
Related documents:
The static calculations of 08.02.2021 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 xo issue 02/2021
Technical drawings no. K132000-1-2 and K132000-2-2

Modification no.3
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 xo issue 01/2022
Technical drawing no. K132000-M3-2

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This original is property of Saferoad Rail Equipment Systems GmbH, Bongard-und-Lind-Straße, 56412 Ransbach, Germany

DEPUTY HEAD
of the Certification Department

Piotr Szczebiot, M.Sc. Eng.

INSTYTUT TECHNIKI BUDOWLANEJ

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej

Anna Panek, M.Sc. Eng.

Warsaw, 17.12.2025

INSTYTUT TECHNIKI BUDOWLANEJ
CERTIFICATION DEPARTMENT
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e-mail: certyfikacja@itb.pl, www.itb.pl

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 xo

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY"
during the period of validity of the certificate no. 1488-CPR-0783/W

WYRÓB BUDOWLANY

1488-CPR-0783/W

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Anna Panek, M.Sc. Eng.

Warsaw, 17.12.2025

Leistungserklärung · Declaration of Performance

No. 1320/20251217

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

MegaRail xo

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 xo**			
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	**N2**	**H1**	**L1**
	Anprallheftigkeit Impact Severity	**A**	**A**	**A**
	Normalisierter Wirkungsbereich Normalized Working Width	**W3**	**W4**	**W4**
	Normalisierte Dynamische Durchbiegung [m] Normalized Dynamic Deflection [m]	**0.8**	**1.1**	**1.1**
	Normalisierte Fahrzeugeindringung Normalized Vehicle Intrusion	**NPD**	**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-0783/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, 17.12.2025

i. V.

Thomas Knaus

Manager Technical Certifications

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