

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

**2131/CPR/565\_Rev.5**

In compliance with Regulation (EU) No 305/2011 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

**ROAD SAFETY BARRIER FOR GROUND  
LEVEL N2 – H1/L1  
MODEL: MegaRail ep L1-W3-A**

Having the performance indicated on page 2 and the any product modifications on the following page (s)

placed on the market under the name or trade mark of

**SAFEROAD RRS GmbH**  
**Bongard-und-Lind-Straße 1 - 56414 Weroth – GERMANY**

and produced in the manufacturing plant:

**INTER METAL SP. Z.O.O.**  
**Ul Marcinkowskiego 150; PI 88-100 Inowroclaw, 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; 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 2017/01/12 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The validity of this Certificate is subject to the regularity of the Surveillance on its FPC.

Issue date of Rev.5: 2020/11/20

**Chairman**  
(Eng. Stefano Calamani)



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**PERFORMANCE UNDER IMPACT:**

A) CONTAINMENT LEVEL	<b>N2</b>	<b>H1/L1</b>
B) SEVERITY IMPACT	<b>A</b>	<b>A</b>
C) NORMALISED WORKING WIDTH	<b>W2 (0.8 m)</b>	<b>W3 (1.0 m)</b>
D) NORMALISED DYNAMIC DEFLECTION	<b>0.7 m</b>	<b>0.9 m</b>
E) NORMALISED VEHICLE INTRUSION	<b>/</b>	<b>VI5 (1.6 m)</b>

**DURABILITY: GALVANIZED STEEL IN ACCORDANCE WITH EN ISO 1461**

**RESISTANCE TO SNOW REMOVAL: 3**

**DANGEROUS SUBSTANCE: NPD**

**CONDITIONS FOR USE: CONFORMITY WITH I.T.T. CONFIGURATION AND PRODUCT MODIFICATIONS ON THE FOLLOWING PAGE (S)**

**The test results and the product characteristics are included in the following Test Reports / Relations:**

AISICO N° 1411 (TB11) of 2016/08/30

AISICO N° 1433 (TB 32) of 2016/10/17

AISICO N° 1412\_REV.1 (TB 42) of 2018/09/06

Calculation Report Resistance To Snow Removal of 2019/10/09

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### ROAD SAFETY BARRIER FOR GROUND

#### LEVEL N2 – H1/L1

MODEL: MegaRail ep L1-W3-A

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**SAFEROAD RRS GmbH**

**Bongard-und-Lind-Straße 1 - 56414 Weroth – GERMANY**

#### LIST OF PRODUCT MODIFICATION

<b>MODIFICATION: M1</b> <b>Approved on 2017/01/11</b>	<b>Model:</b> MegaRail ep L1-W3-A <b>Description of modification:</b> Replacement Post stiffener <b>Drawing:</b> K1230-M1-L1 of 2017/01/10 <b>Installation Manual:</b> K1230-M1-L1 of 2017/01/10 <b>Integrative Reports:</b> AISICO: ST_REPORT040 of 2016/12/06
<b>MODIFICATION: M2</b> <b>Approved on 2017/01/11</b>	<b>Model:</b> MegaRail ep L1-W3-A <b>Description of modification:</b> Replacement Beam A (Double Wave) thickness 2.5 mm with Beam B (B Rail) thickness 3.0 mm <b>Drawing:</b> K123020-M3-L1 of 2017/01/10 <b>Installation Manual:</b> K1230-M3-L1 of 2017/01/10 <b>Integrative Reports:</b> AISICO: Mechanical Computation MC139 of 2016/12/15
<b>MODIFICATION: M3</b> <b>Approved on 2017/03/27</b>	<b>Model:</b> MegaRail ep L1-W3-A <b>Description of modification:</b> Replacement Beam A (Double Wave) thickness 2.5 mm, steel S355JR with Beam A VikOrsta (Double Wave) thickness 3.0 mm, steel S235JRG2 <b>Drawing:</b> K123010-M4-L1 of 2017/03/23 <b>Installation Manual:</b> K1230-M4-L1 of 2017/03/23 <b>Integrative Reports:</b> AISICO: Mechanical Computation MC144 of 2017/03/24
<b>MODIFICATION: M4</b> <b>Approved on 2019/02/12</b>	<b>Model:</b> MegaRail ep L1-W3-A <b>Description of modification:</b> Replacement Beam A (Double Wave) thickness 2.5 mm, steel S355JR with Slo Beam (Slovenian Beam) thickness 2.5 mm and Steel S355JR <b>Drawing:</b> K123010-M4-1 of 2019/01/31 L.SLO001.58.B of 2019/01/30 <b>Installation Manual:</b> K1230-M4 of 2019/01/30 <b>Integrative Reports:</b> AISICO: ST_REPORT067 of 2018/11/14 AISICO: Technical modification report mod. MegaRail ep of 2019/03/01

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**Chairman**

(Eng. Stefano Calamani)

# Leistungserklärung · Declaration of Performance

No. 1230/20201120

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

## MegaRail ep

Hersteller Manufacturer	Saferoad RRS GmbH Bongard-und-Lind-Straße 1 56414 Weroth/ Germany		
Eindeutiger Kenncode des Produkttyps Unique identification code of the product-type	<b>MegaRail ep</b>		
Verwendungszweck Intended use	Fahrzeurückhaltesystem im Straßenverkehrsraum Vehicle Restraint System for circulations areas		
System zur Bewertung und Überprüfung der Leistungsbeständigkeit System of AVCP	1		
Notifizierte Stelle Notified Body	AISICO S.r.l. Viale Bruno Buozzi 47 00197 Roma/ Italy		
EU-Notifizierungsnummer EU-Notification number	2131		
Wesentliche Merkmale Declared performances			
Leistung beim Anprall Performance under impact	Aufhaltestufe Containment Level	<b>N2</b>	<b>H1/L1</b>
	Anprallheftigkeit Impact Severity	<b>A</b>	<b>A</b>
	Normalisierter Wirkungsbereich Normalized Working Width	<b>W2</b>	<b>W3</b>
	Normalisierte Dynamische Durchbiegung [m] Normalized Dynamic Deflection [m]	<b>0.7</b>	<b>0.9</b>
	Normalisierte Fahrzeugeindringung Normalized Vehicle Intrusion	<b>NPD</b>	<b>VI5</b>
Dauerhaftigkeit Durability	Stahl, verzinkt nach EN 1461 Steel, galvanized according to EN 1461		
Klasse der Beständigkeit gegenüber Schneeräumung Snow Removal Class	3		
Zertifikat der Leistungsbeständigkeit Certificate of consistency of performance	2131/CPR/565_Rev.5		
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, 20.11.2020

**Axel Schliesing**

CTO

i. V.

**Marcus Krüger**

Head of R&D