

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

**2131/CPR/448\_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 STEEL BARRIER LEVEL H2**

**MODEL: SafeStar 231**

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 2015/03/10 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.*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:** 2020/12/15

**Chairman**  
(Eng. Stefano Calamani)  


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PERFORMANCE UNDER IMPACT:

A) CONTAINMENT LEVEL	<b>H2</b>
B) SEVERITY IMPACT	<b>A</b>
C) NORMALISED WORKING WIDTH	<b>W3</b> (1.0 m)
D) NORMALISED DYNAMIC DEFLECTION	<b>0.9 m</b>
E) NORMALISED VEHICLE INTRUSION	<b>VI3</b> (1.0 m)

DURABILITY:	<b>GALVANIZED STEEL IN ACCORDANCE WITH EN ISO 1461</b>
RESISTANCE TO SNOW REMOVAL:	<b>NPD</b>
DANGEROUS SUBSTANCE:	<b>NPD</b>
CONDITIONS FOR USE:	<b>CONFORMITY WITH I.T.T. CONFIGURATION AND MODIFICATIONS ON THE FOLLOWING PAGE(S)</b>

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

AISICO N° 1190 (TB11) of 2015/03/03

AISICO N° 1200 (TB51) of 2015/03/03

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#### LIST OF PRODUCT MODIFICATION

<p><b>MODIFICATION: M1</b>  <b>Approved on 2019/07/02</b></p>	<p><b>Model: SafeStar 231</b>  <b>Description of modification:</b> Modification of steel grade of the Beam from S275JR to S355JR.  <b>Drawing:</b> K208010-M1-1 of 2018/08/13          L.001.57 of 2018/08/13  <b>Installation Manual:</b> K2080-M1 of 2018/08/13  <b>Integrative Reports:</b>          AISICO: Technical modification report mod. SafeStar 231 of 2019/06/27          AISICO: Calculation report resistance to snow removal for SafeStar 231 of 2019/06/27           RESISTANCE TO SNOW REMOVAL: CLASS 3</p>
<p><b>MODIFICATION: M2</b>  <b>Approved on 2019/10/07</b></p>	<p><b>Model: SafeStar 231</b>  <b>Description of modification:</b> Replacement of the Beam with length of 4820 mm with Beam with length of 9320 mm  <b>Drawing:</b>          K208010-M2-1 of 2019/06/01          001.56/26 of 2019/09/21  <b>Installation Manual:</b> K2080-M2 of 2019/06/01  <b>Integrative Reports:</b>          AISICO: Mechanical Computation MC219.A of 2019/06/27          AISICO: Mechanical Computation MC219.V of 2019/06/27</p>
<p><b>MODIFICATION: M4</b>  <b>Approved on 2020/12/01</b></p>	<p><b>Model: SafeStar 231</b>  <b>Description of modification:</b>          - C125x62.5x25x5 mm length post modification from 1600 mm to 2000 mm  <b>Integrative Reports:</b>          AISICO: RI/448-M3 of 2020/12/14</p>

Issue date of Rev.5: 2020/12/15

**Chairman**  
 (Eng. Stefano Cafamani)

