

## DECLARATION OF PERFORMANCE

n. 001

1. Unique identification code of the product-type:

*Crash cushions, named "Parallel Redirective Bidirectional Cushion Tank System".*

*Standard Model - series: EU-CCS-50-V2, EU-CCS-80-V2, EU-CCS-100-V2, EU-CCS-110-V2*

*Removable version - series: EU-CCS-PM-50; EU-CCS-PM-80; EU-CCS-PM-100; EU-CCS-PM-110*

*Asphalt version - series: EU-CCS-PS-A-50; EU-CCS-PS-A-80; EU-CCS-PS-A-100; EU-CCS-PS-A-110*

2. Intended use:

*Crash cushions designed to reduce the severity of vehicle impact with a more resistive object, according to EN 1317-3: 2010 and EN 1317-5: 2007 + A2:2012/AC:2012*

3. Manufacturer:

*Shindo Industry Co. Ltd.*

*59-49, Donyu 1-Ro, Musan-Eup, Paju-City, Gyeonggi-Do, Korea*

4. Authorized representative:

*Prealux Srl, Via Berlese 1, 24124 Bergamo, Italy*

5. System of AVCP:

*Evaluation System 1*

6a. Harmonised standard:

*EN 1317-5+ A2:2012/AC:2012 Road restraint systems – Part 5: Product requirements and evaluation of conformity for vehicle restraint systems*

Notified Bodies:

*Technický a zkušební ústav stavební Praha s.p. - The Notified Body No. 1020 carried out the continuous surveillance, evaluation and audits of the Factory Production Control and issued the Certificate of Constancy of Performance n. 1020 – CPR - 090-032092*

6b. European Assessment Document: NA

European Technical Assessment: NA

European Assessment Body: NA

, Donyu 1-Ro, Musan-Eup, Paju-City, Gyeonggi-Do, Korea

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7. Declared performance

| <b>Essential Characteristics</b> | <b>Performance</b> |    |     |     | <b>Harmonised technical specification</b> |
|----------------------------------|--------------------|----|-----|-----|---|
| <i>Performance under impact</i>  |                    |    |     |     | <i>European Norm EN 1317-3</i>            |
| <i>Performance level</i>         | 50                 | 80 | 100 | 110 |   |
| <i>Impact severity</i>           | B                  | B  | B   | B   |   |
| <i>Redirection zone</i>          | Z1                 | Z1 | Z2  | Z4  |   |
| <i>Lateral displacement</i>      | D1                 | D1 | D1  | D6  |   |
| <i>Durability</i>                | <i>Compliant</i>   |    |     |     | <i>European Norm EN 1317-5</i>            |

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

*Report on the outcome of the assessment and verification of constancy of performance of the product n. 090-032089*

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) N. 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

.....  
 Name and function



.....  
 Place and date of issue

12th of Feb. 2015

**133-81-24733**

신도산업(주) 황동욱

경기도 파주시 문산읍 돈유리로 59-49

제 조 설 Signature

