



# Certificate of constancy of performance 0620-CPR-61213/07



Issued 10-04-2018

Replaces 0620-CPR-61213/06

First issued 15-02-2011

Page 1 of 2

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

## Road restraint systems

Identification and intended use(s):

Vehicle Restraint System for circulations areas

Construction product parameters:

The scope of construction product(s) is listed on page 2 of this certificate

placed on the market under the name or trademark of

### **Haitsma Beton B.V.**

and produced in the manufacturing plant

### **Kootstertille**

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/C1:2012**

under system 1 for the performances set out in the ETA 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 15-02-2011 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Luc Leroy  
Managing director

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

# CERTIFICATE

0621190620

Kiwa Nederland B.V.  
Sir Winston Churchillaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands  
Tel. +31 88 998 44 00  
Fax +31 88 998 44 20  
info@kiwa.nl  
[www.kiwa.nl](http://www.kiwa.nl)

**Manufacturer**  
Haitsma Beton B.V.  
Pinksterblomstrjitte 2  
Postbus 7  
9288 ZG KOOTSTERTILLE  
Tel. 0512 33 56 78  
[www.haitsma.nl](http://www.haitsma.nl)



## Road restraint systems

The following road restraint systems are part of this certificate:

### Barrier BA-01

Containment level	: H2
Impact severity level	: B
Normalized working width	: W4 (1.3 m)
Normalized dynamic deflection	: 0.8 m
Normalized vehicle intrusion	: VI4 (1.2 m)

### Barrier nBA-01

Containment level	: H2
Impact severity level	: B
Normalized working width	: W5 (1.7 m)
Normalized dynamic deflection	: 0.2 m
Normalized vehicle intrusion	: VI5 (1.7 m)

### Barrier BBSsS-01

	Hoog <sup>a)</sup>	Laag <sup>a)</sup>
Containment level	: H2	: H2
Impact severity level	: C	: C
Normalized working width	: W3 (1.0 m)	: W4 (1.1 m)
Normalized dynamic deflection	: 0.5 m	: 0.4 m
Normalized vehicle intrusion	: VI2 (0.8 m)	: VI2 (0.8 m)

- a) High (2,1 meter) respectively low (1,0 meter) wood fibre concrete noise protection panels on top of the barrier.

This wood fibre concrete noise protection panel is not manufactured by Haitsma and is no part of the production control for this certificate.

### Barrier BT3

Containment level	: T3
Impact severity level	: A
Normalized working width	: W2 (0,74 m)
Normalized dynamic deflection	: 0,4 m
Normalized vehicle intrusion	: VI2 (0,75 m)

### HaiSafe-N2 barrier

Containment level	: N2
Impact severity level	: B
Normalized working width	: W4 (1.2 m)
Normalized dynamic deflection	: 0.9 m
Normalized vehicle intrusion	: n.a.