

# **Certificate**

## **of passed Barrier Testing Programme**



|                                        |                                                       |
|----------------------------------------|-------------------------------------------------------|
| Type of Product:                       | Fixed Bollard<br>„RB343-68-GH-15-0.1/0.1-032/100-140“ |
| Test Standard:                         | ASTM F2656/F2656M-15<br>IWA 14-1:2013                 |
| Test Standard Classification:          | ASTM: C750<br>IWA: N2B-80km/h                         |
| Test Date:                             | September 21, 2017                                    |
| Vehicle Restrained:                    | yes                                                   |
| Vehicle Immobilized:                   | yes                                                   |
| Test Vehicle Kinetic Energy at Impact: | 1841 kJ                                               |
| Penetration Rating ASTM:               | P2 (3.8 m)                                            |
| Performance Rating IWA:                | Bollard V/7200[N2B]/80/90:4.1                         |
| Underlying CTS-Test Report No.:        | 11523_3024_18815                                      |

Sincerely



**crashtest-service.com®**

Amelunxenstraße 30 Telefon: +49 (0) 25 06 / 70 99 070  
48167 Münster Telefax: +49 (0) 25 06 / 70 99 099

Web: www.crashtest-service.com

Dipl.-Ing. Peter Schimmelpfennig  
(Managing Partner)