

# Certificate

of passed Barrier Testing Programme

**PAS 68 + IWA14-1, 23<sup>th</sup> November 2015, CTS Test-No: 18280**

Type of product:	Bollard „FAAC J355 M50”
Vehicle penetration:	PAS 68: 4.7 m; IWA14-1: 5.0 m
Mass [Target]:	7500 kg (+ 100 kg; - 150 kg)
Mass [Test]:	7370 kg
Impact speed [Target]:	80.0 km/h (78.0 km/h – 84.0 km/h)
Impact speed [Test]:	81.8 km/h
Angle:	90 °
Major debris:	10.9 m ( ≥ 25 kg )

## Observations

Vehicle restrained:	yes
Vehicle immobilized:	yes

- Performance classification:** • PAS 68:2013 movable bollard V/7500[N3]/80/90:4.7/10.9  
**Performance rating:** • IWA 14-1:2013 movable bollard V/7200[N3C]/80/90:5.0



Sincerely  
  
**crashtest-service.com**<sup>®</sup>  
 Amelunxenstraße 30 Telefon: +49 (0) 25 06 / 70 93 070  
 48167 Münster Telefax: +49 (0) 25 06 / 70 93 099  
 Web: www.crashtest-service.com  
 Dipl.-Ing. Peter Schimmler  
 (Managing Partner)