

TÜV Rheinland LGA tested *Quality*

Certificate No. 194703

TÜV Rheinland LGA Bautechnik GmbH, Tillystraße 2, 90431 Nürnberg, Germany
- Testing, Inspection and Certification Body for construction products -

grants in accordance with the conditions described overleaf and laid down in the contract of inspection and certification and after initial type test of the construction product as well as initial inspection of the factories the company

**SPIE Smart City
Industrieweg 4
8131 VZ Wijhe • Netherlands**

for the overleaf specified construction product

Movable Emergency Gate Barrier CADO 6 m

this certificate and the permission to use the



TÜV Rheinland LGA tested *Quality* mark

This TÜV Rheinland LGA tested *Quality* Certificate is valid as long as the regular inspection is carried out, latest until: 2024-11-14

Nuremberg, 2019-11-14




Dipl.-Ing. (FH) Günther Jost
Head of Certification Body

TÜV Rheinland LGA tested *Quality* Certificate **No. 194703** dated 2019-11-14

Owner of certificate: SPIE Smart City
 (Manufacturer) Industrieweg 4
 8131 VZ Wijhe ▪ Netherlands

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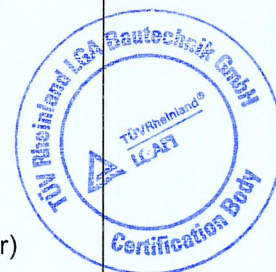
Construction product

Movable Emergency Gate Barrier CADO 6 m

Calamity passage with joint and locking mechanism to create an opening in a central vehicle restraint system "RWS step barrier" so that emergency services can pass

Properties (only mechanical)

Passage opening	nominal 6 m
Cross section	same as standard RWS step barrier
Material	Structural steel S355 acc. EN 10025-1, EN 10210-1, EN 10219-1
Containment class	H2
Impact severity level	C; ASI = 1.7
THIV	32 km/h
Dynamic deflection	0.3 m
Working width	0.7 m (W2)
Vehicle intrusion	0.6 (VI1)
Assembly	AE0016528 (Assembly E-CADO 6 m barrier)
Installation	IG-8320 (Installation Guide) V1.0
Operating / Maintenance	O&M-08320-EN V1.0
Operation	08320-3000-E.CADO-B Barrier 6 m v1.0
Crash test analysis (numeric simulations):	CRASHTECH - Report dated 17/10/2019 RPT_191012_047_0183_A ext
Results of the Initial Inspection 2019:	Inspection report No. 94650698/02



Testing and inspection according to the technical specifications:

ENV 1317-4:2001 ▪ EN 1317-2:2011 ▪ EN 1317-5:2007 + A2:2012/AC:2012

TÜV Rheinland LGA Bautechnik GmbH confirms that

1. an initial type testing (simulation of crash tests) of the construction product has been carried out and the results fulfil the relevant requirements,
2. the manufacturer performs a factory production control (FPC) to meet the requirements for manufacturing of the construction products,
3. she regularly inspects the production, the factory production control and checks the proper use of the certification mark,
4. she has closed a contract of inspection and certification with the manufacturer.