

Certificate of Product Approval

Certificate Number: 1396c

Issue: 01

CGT Security Limited

1 Darwin Close
Reading
Berkshire
RG2 0TB



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Products

Vortex Plus
security shutters

Standard

LPS 1175: Issue 8
Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers

This certificate and appendix is maintained and held in force through regular surveillance activities

Signed for BRE Global Ltd.

Chris Hunt
Verifier

22 April 2020
Date of Issue

22 April 2020
Date of First Issue



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Appendix to Certificate No: 1396c CGT Security Limited

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Security Shutters

Product Name	Model	Type	Minimum Structural Opening Height (m)	Maximum Structural Opening Height (m)	Minimum Structural Opening Width (m)	Maximum Structural Opening Width (m)	Locking Devices	Security Rating	LPCB Ref No.
Vortex Plus	V+BO-MAN-A1	Externally face fixed manual security shutter	1	6	0.85	6	Manual two-point locking mechanism with key	A1 (SR1)	1396c/01
	V+BO-MAN-P2-A1	Externally face fixed manual security shutter	1	6	0.85	6	Manual two-point locking mechanism with key	A1 (SR1)	
	V+BI-P2-B1	Built-in roller shutter	1	6	0.85	6	Self-locking	B1	
	V+BO-EXT-B1	Externally face fixed security shutter	1	6	0.85	6	Self-locking	B1	
	V+BO-EXT-P2-B1	Externally face fixed security shutter	1	6	0.85	6	Self-locking	B1	
	V+BO-INT-P2-B1	Internally face fixed security shutter	1	6	0.85	6	Self-locking	B1	
	V+BI-B3	Built-in roller shutter	1	6	0.85	6	Self-locking	B3 (SR2)	
	V+BO-INT-B3	Internally face fixed security shutter	1	6	0.85	6	Self-locking	B3 (SR2)	

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Approved Installation Configurations

Product Name	Type	Substrate					
		Timber	Brickwork / Blockwork	Concrete	Reinforced Brickwork / Blockwork	Reinforced Concrete	Structural Steelwork
Vortex Plus	Internally or externally face fixed and built in security shutter	✓ (A1 rated security shutters only)	✓	✓	✓	✓	✓

Notes:

1. The installation shall be direct to the substrate and not via intermediate substrates, such as plasterboard. Only shutters offering a Security Rating A1 (SR1) may be installed into timber substrates.
2. The approval only applies to the shutters when installed and operated strictly in accordance with the instructions titled 'Vortex+ Installation instructions, Rev 2: April 2020' and 'Vortex-Operation and maintenance manual, Rev 5: May 2019'.
3. The resistance of the access control unit to "non-mechanical" attack has not been assessed as it is outside the scope of LPS 1175. Likewise, the approval does not cover possible effects of any susceptibilities relating to the functionality and performance of any access control equipment that may be used to operate the shutter. This is because the scope of access control devices and system configurations that may be used with the shutter is "infinite". It is therefore recommended that specifiers satisfy themselves that the components used are either resistant to mechanical and other forms of tampering/abuse, or that they are suitably protected from such tampering/abuse and are resistant to any environmental conditions/interference that may cause the shutter to open.

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