

Certificate of Product Approval

Certificate Number: 312h

Issue: 01

Bradbury Security

Dunlop Way
Queensway Industrial Estate
Scunthorpe
DN16 3RN

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

Extendor Vulcan
modular security cages

Standard

LPS 1175: Issue 7
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 LPCB

Richard Flint
Verifier

28 May 2013
Date of Issue

28 May 2013
Date of First Issue



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Appendix to Certificate No: 312h Bradbury Security

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Modular Security Cages

Product Name	Type	Minimum Height (m)	Maximum Height (m)	Minimum Width (m)	Maximum Width (m)	Minimum Length (m)	Maximum Length (m)	Security Rating ¹	LPCB Ref. No.
Extendor Vulcan	Modular cage formed from Extendor Vulcan fixed and opening grilles ²	0.54 ³	3.97 ^{4,5,6}	0.48	Unlimited ^{4,6,7}	1.0	Unlimited ^{4,6,7}	2+	312h/01

System Components

Component Type	Minimum Height (m)	Maximum Height (m)	Minimum Width (m)	Maximum Width (m)	Minimum Length (m)	Maximum Length (m)
Wall panel ⁵	0.45	3.88	0.30	4.0	N/A	N/A
Roof panel	N/A	N/A	0.30	4.0	0.45	3.88
Doorset	0.625	2.7	0.39	3.505	N/A	N/A

Compatible Locking Devices

Product Name	Lock	Single Europrofile Cylinder ⁸		
		Assa Twin Combi DP 4400 ⁹	Cisa AP3	Kaba GeGe pExtra
Extendor Vulcan	Extendor CL03	✓	✓	✓
	Extendor TBNH01	✓	✓	✓

Notes:

1. The security rating achieved by the grilles depends on the cylinder fitted⁹.
2. Cages are rectilinear in plan and not limited to a simple rectangle. That is approval covers cages with acute and obtuse vertical corners.
3. This is based on fixed grilles being used to form the walls, rather than openable grilles (otherwise referred to as doorsets in the 'system components' table).
4. The maximum size of the cage is subject to specific assessment of physical restrictions and operational conditions.

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5. The maximum height of any opening sash within the cage is 2.7 m. Cages above this height incorporate a fixed grille.
6. Wall panels may be coupled together in the horizontal and vertical directions to achieve the maximum cage dimensions.
7. The maximum clear span is 4 m. Spans greater than this require support column(s).
8. The cages may be configured so that the cylinders are located in either the attack face or the protected face of the lock stiles.
9. The cages achieve a Security Rating 2 classification when the Assa Twin Combi DP 4400 single europrofile cylinders are fitted.
10. The certification covers the cages when installed directly onto a concrete floor in accordance with the instructions contained on document PMD 900 (Revision 3).
11. The cages may be secured onto raised floors in accordance with the instructions contained on document PMD 900 (Revision 3). This is providing the cage extends under the raised floor to a concrete floor beneath it. The wall panels located under the raised floor shall be bolted to the underside of the wall panels located above the floor, sandwiching the floor panels between them. The wall panels located under the raised floor shall also be directly fixed to the concrete floor beneath the cage.

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