

## Certificate of Product Approval

Certificate Number: 1059a

Issue: 03

### Frontier Pitts Ltd

Crompton House  
Crompton Way  
Manor Royal Industrial Estate  
Crawley  
West Sussex RH10 9QZ



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

**Terra Diamond Grade 3**  
**Terra Diamond Grade 4**  
full height turnstiles

#### Standard

**LPS 1175: Issue 6**  
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

Paul Dillon  
Verifier

05 August 2016  
Date of Issue

11 July 2011  
Date of First Issue



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## Appendix to Certificate No: 1059a Frontier Pitts Ltd

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### Full Height Turnstile

Product Name	Type	Number of Rotor Arms	Walkway Width (m) <sup>1</sup>	Nominal Overall Unit Height (m) <sup>2</sup>	Nominal Overall Unit Width (m) <sup>2</sup>	Nominal Overall Unit Depth (m) <sup>2</sup>	Security Rating <sup>3,4,5</sup>	LPCB Ref. No.
Terra Diamond Grade 3	Single full height turnstile	Four	0.5	2.387	1.380	1.390	3	1059a/01
Terra Diamond Grade 4	Single full height turnstile	Four	0.5	2.387	1.380	1.390	4	1059a/02

#### Notes:

1. This is measured at the outside entrance to the turnstile.
2. These dimensions are of the entire unit. They include the enclosure above the rotor that contains the drive and control mechanism, but exclude those of the foundations.
3. The turnstiles achieve these security ratings when installed and maintained in accordance with the instructions contained in the Terra Diamond Turnstile Operating and Maintenance Manual (document reference 6614-O&M Issue 6) and 'Diamond Turnstile Installation Procedure (document reference 6614-IP Issue 3), placed in the 'power to release' (normal automatic) mode and operated from the 'attack' side using an access control system<sup>6</sup> having at least 30,000 effective differs that offers compatible resistance to manual attack.
4. The turnstiles offer resistance to attack commensurate with at least Security Rating 1 when placed in the 'manual release' mode.
5. The security ratings noted indicate the turnstile's resistance to forced entry from the outside when mounted within barriers that offer compatible resistance to forced entry in accordance with LPS 1175: Issue 6.
6. The resistance of the access control system, used to operate the turnstiles, to 'non-mechanical' attack is not covered as it is outside the scope of LPS 1175: Issue 6. 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 turnstiles. This is because the scope of access control devices and system configurations that may be used with these locking systems 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 locking system to disengage.

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