

## Certificate of Product Approval

Certificate Number: 1198g

Issue: 01

### Barkers Engineering Limited

Etna Works  
Duke Street  
Stoke-on-Trent  
ST4 3NS



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:

#### Product

**TwinGuard SL1**  
security fencing system

#### Standard

**LPS 1175: Issue 8**  
Requirements and testing procedures for the LPCB certification 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.

Paul Dillon  
Verifier

2 December 2019  
Date of Issue

2 December 2019  
Date of First Issue



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## Appendix to Certificate No: 1198g Barkers Engineering Limited

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### Security Fencing System

Product Name	Type	Minimum Height (m)	Maximum Height (m)	Maximum Post Centres (m)	Gradients	Angles in Fence Line	Security Rating	LPCB Ref. No.
TwinGuard SL1	Welded mesh security fencing system	1.83	3.13	2.52	0° to 21°	90°, 135° or 270°	A1 (SR1)	1198g/01

### Approved Assembly and Installation Drawings

Document Reference	Revision / Issue Date	Title / Contents
TG SL1 001	02/10/19	Detail of SL1 Twin Guard Clamp System C/W Concrete In 60x40 RHS Posts and C Flat
TG SL1 002	03/10/19	Detail of SL1 Twin Guard Clamp System C/W Bolt Down 60x40 RHS Posts and C Flat
TG SL1 003	03/10/19	Detail of 3080 mm High SL1 Twin Guard Clamp System C/W Concrete In 80x40 RHS Posts and C Flat
TG SL1 004	03/10/19	Detail of Twin Guard Clamp System 0 to 7 Deg C/W Concrete Full Panel Stepping Detail
TG SL1 005	03/10/19	Detail of Twin Guard Clamp System 7 to 13 Deg C/W Concrete Full Panel Stepping Detail
TG SL1 006	03/10/19	Detail of Twin Guard Clamp System 13 to 21 Deg C/W Concrete Half Panel Stepping Detail

#### Notes:

1. The 'angles in fence line' define the range of angles covered by the scope. These are measured between the attack faces of two adjacent fence panels.
2. The fencing system is available in configurations to suit either surface mounting onto hard surfaces or embedding within concrete foundations placed in the ground. It is important to ensure that the local ground onto/into which the fence is installed offers compatible strength.
3. The fencing systems should only be constructed and installed in accordance with the documents listed in the appropriate table titled Approved Assembly and Installation Drawings, only using appropriate components supplied by Barkers Engineering Limited.

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