

## Certificate of Product Approval

Certificate Number: 234h

Issue: 04

### Sunray Engineering Limited

Kingsnorth Industrial Estate  
Wotton Road  
Ashford  
Kent  
TN23 6LL

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

**ExcluGrille 3**  
**ExcluGrille 4**  
fixed security barsets

#### 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 BRE Global Ltd.

Paul Dillon  
Verifier

9 May 2023  
Date of Issue

10 November 2014  
Date of First Issue



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## Appendix to Certificate No: 234h Sunray Engineering Limited

Issue: 04

### Fixed Security Barsets

Product Name	Type	Minimum Structural Opening Height (m)	Maximum Structural Opening Height (m)	Minimum Structural Opening Width (m)	Maximum Structural Opening Width (m)	Security Rating	LPCB Ref. No.
ExcluGrille 3	Internal face fixed security barset	0.325	2.5	0.325	3.0	3	234h/01
	External face fixed security barset	0.325	2.5	0.325	3.0	3	
	Reveal mounted security barset	0.370	2.5	0.325	3.0	3	
ExcluGrille 4	Internal face fixed security barset	0.475 <sup>1</sup>	2.5	0.325	3.0	4	234h/02
	External face fixed security barset	0.475 <sup>1</sup>	2.5	0.325	3.0	4	
	Reveal mounted security barset	0.685	2.5	0.685	3.0	4	

#### Notes:

- The minimum structural opening height for the ExcluGrille 4 barsets when internally or externally face fitted on to reinforced brickwork/blockwork and reinforced concrete substrates is 0.475 m. The minimum structural opening height for the ExcluGrille 4 barsets when internally or externally face fitted on to steelwork substrates is 0.575 m.
- The ExcluGrille barsets are approved when installed in accordance with the instructions detailed on the document entitled 'Instructions for Safety, Handling, Storage, Installation and Maintenance' (revision 4 dated 4 November 2014).

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*P. Dillon*

Signed for BRE Global Ltd.

Paul Dillon  
Verifier

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