

# Kitemark™ Certificate

This is to certify that:

Solar Fabrications Holdings Limited  
Common Road  
Huthwaite  
Sutton In Ashfield  
NG17 6AD  
United Kingdom

Holds Certificate Number:

KM 731507

In respect of:

**BS 8529/PAS 24**  
**Enhanced Security Composite Door Fabricator**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2025-05-20

Effective Date: 2025-05-20

Latest Issue: 2025-05-20

Expiry Date: 2028-05-14

Page: 1 of 3



# Kitemark™ Certificate

No. KM 731507

## **BS 8529:2017 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Rehau Limited or Profine UK Extrusions Limited.

### **Benchmark Range Single Acting PVC-U/GRP Door System**

Fabricated and installed in accordance with the latest issue of Solar Calibre Door Fabrication Manual.

#### **System description:**

The door assemblies are open in or open out, NanYa or Doorco Slab or Capstone with either Rehau or Profine UK PVC-U Outerframe, NanYa, Doorco, or ODL Cassette glazed, with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, with aluminium thresholds either Masterguard, Stormguard or Exitex ranges with or without fanlights and/or sidelights. Doors are classified D and can be fitted with letterplate which meets the requirements of TS008 Enhanced Security Grade 2. Handle and cylinder combination to give a minimum 3\* rating to TS 007.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

#### **Approved hardware**

Hinges:	Select Engineering Asia Butt hinges, SFS Dynamic 2D or 3D series or ERA Challenger
Locking options and keeps:	Winkhaus Cobra, AV2, AV3, Thunderbolt or Trulock or ERA Vectis or Yale YL18 all with associated keeps

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Page: 2 of 3

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

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No. KM 731507

## Benchmark Range Single Acting PVC-U/GRP Door System

### Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Vertical Load	Class 2
Resistance to Static Torsion	Class 2
Soft and Heavy body Impact	Class 2
Hard Body Impact	Class 2
Load Bearing Capacity of safety devices	N/A
Closure against obstruction	Pass
Resistance to opening and closing	Class 4 (50,000)

### Size Limitations and Performance Characteristics

Door Type	Length (mm) Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Single leaf	914	2013	4	5A	A3	1200
Fanlight	950	1000	4	5A	A3	1200
Sidelight	1200	2100	4	5A	A3	1200

BS 8529:2017 has been issued by BSI under a flexible accreditation scope

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