

Kitemark™ Certificate

This is to certify that:

FrameXpress Limited
Unit A1 - A5
Haybrook Industrial Estate
Halesfield 9
Telford
TF7 4QW
United Kingdom

Holds Certificate Number:

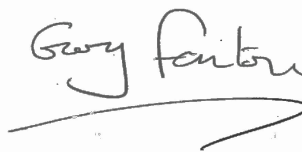
KM 599772

In respect of:

BS 8529 / PAS24
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:

Gary Fenton, Global Product Certification Director

First Issued: 2015-12-09

Latest Issue: 2017-09-28



Kitemark™ Certificate

No. KM 599772

BS 8529:2010 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.

44mm Composite Residential Door System

Fabricated and installed in accordance with the latest issue of the following controlled manual(s):
FrameXpress Composite Door Fabrication Manual

System description

The door assemblies are Single Leaf open in or open out, hinged on outer frame or mullion, cassette glazed with BS EN 1279-2 compliant IGU(s), laminated on one pane to P1A, Profile 22 PVC-U Outerframes, NanYa GRP or Doorstop slabs with Stormguard aluminium low threshold. Door classification D.

Approved Hardware

Option one: ERA Challenger 3D adjustable hinges with Winkhaus STV-Trulock and Winkhaus keeps. Winkhaus or UAP 1* cylinder with Armorshield 2* cylinder protector or Ingenious Apex 3* cylinder or UAP Kinetica 3* cylinder and either Winkhaus Palladio xl lever/lever handle or Fab & Fix Balmoral lever/lever handle. Doors can be supplied with or without letterplate which meets the requirements of TS008 Enhanced Security Grade 2.

Option two: ERA Challenger 3D adjustable hinges with Ingenious Duplex 5 hook lock 1009, Ingenious door keep set 1141 (L/H centre) or 1141 (R/H centre) and 2 x Duplex hook keeps 1143 and Fab & Fix Balmoral lever/lever handle. Ingenious Apex 3* cylinder or UAP Kinetica 3* cylinder. Doors can be supplied with or without letterplate which meets the requirements of TS008 Enhanced Security Grade 2.

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 6375-1:2009 |
|--------------------------------------------------------|------------------------|----------------------------------------------|------------------------------------|----------------------------------|-----------------------------------------|---------------------------------------------------------------|
| Sash dimensions for doors with approved Slab: | | | | | | |
| Single leaf doors | 913 | 2012 | 3 | 3A | A2 | 800U |
| Overall dimensions for doors with approved outer frame | | | | | | |
| Single leaf doors | 1020 | 2080 | 3 | 3A | A2 | 800U |

NOTE: Did not achieve minimum air permeability or watertightness classification and is therefore unsuitable for locations exposed to weather.

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).