

## Kitemark™ Certificate

This is to certify that:

Scotia Double Glazing Limited  
Unit 2  
Moorfield Park  
Kilmarnock  
KA2 0FJ  
United Kingdom

Holds Certificate Number:

KM 590966

In respect of:

**BS 7412 / PAS 24**  
**Enhanced Security PVCU Doors 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:

  
Chris Lewis - Certification Director, Product Certification

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...making excellence a habit.™

# Kitemark™ Certificate

No. KM 590966

## **BS 7412:2007/ PAS 24:2016 - General and enhanced security performance requirements for door assemblies.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Eurocell Profiles Limited under Certificate Number KM 500319

### **Eurocell Aspect Panoramic Door System**

Fabricated and installed in accordance with the latest issue of the following Eurocell Profiles Limited controlled manual(s):

Aspect Panoramic Door System, Product Manual

Aspect Panoramic Door System, Fabrication Manual

### **System description:**

The door assemblies comprise up to maximum of 7 leaves are sliding/folding, open in or open out, laminated on one pane to P1A, glazed with or without welded or mechanically jointed midrail fully welded construction (Aluminium track). The door sets are fitted with BiFolding Door Hardware supplied by Eurocell and includes Milenco Mantis 3 locking and SAC Systems dog bolts or GT Hinge Protectors with Hoppe Tokyo Handle. Doors are classified as D.

### **Approved Profiles**

| Description            | Profile Code | Reinforcement Code                |
|------------------------|--------------|-----------------------------------|
| Outer Frame            | EWS 7071     | 7671S                             |
| Door Sash              | EWS 7075     | 7677S/7676S                       |
| T Transom              | EWS 7002     | EWS508A/EWS801P/EWS7621S/EWS7502A |
| Z Transom              | EWS 7003     | EWS508A/EWS801P/EWS7621S/EWS7502A |
| T Sash                 | EWS 7005     | EWS805P/EWS7604S/EWS70504A        |
| Midrail                | EWS 7009     | EWS7509A                          |
| Intermediate T Transom | EWS 7022     | EWS522A/EWS622S/EWS623S/EWS821P   |
| Intermediate Z Transom | EWS 7023     | EWS522A/EWS622S/EWS623S/EWS821P   |
| Cill                   | EWS AC 180   | -                                 |
| Cill                   | EWS AC 150   | -                                 |
| Cill                   | EWS AC 85    | -                                 |

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# Kitemark™ Certificate

No. KM 590966

## Eurocell Aspect Panoramic Door System Size Limitations and Exposure Categories

| Door Type                                                                 | Length (mm)<br>- Maximum | Height (mm)<br>- Maximum<br>(including sill) | Air Permeability<br>classification | Watertightness<br>classification | Resistance to Wind<br>classification | Exposure category<br>as given in Table 1<br>of BS 6375-1:2009 |
|---------------------------------------------------------------------------|--------------------------|----------------------------------------------|------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------|
| Overall dimensions for doors with approved outer frame and sash profiles: |                          |                                              |                                    |                                  |                                      |                                                               |
| Overall Maximum Doorset                                                   | 6000                     | 2160                                         | 2                                  | 3A                               | A3                                   | 1200                                                          |
| Non opening leaf                                                          | 735                      | 2160                                         | 2                                  | 3A                               | A3                                   | 1200                                                          |
| Opening leaf                                                              | 740                      | 2160                                         | 2                                  | 3A                               | A3                                   | 1200                                                          |

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## **BS 7412:2007/ PAS 24:2016 - General and enhanced security performance requirements for door assemblies.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Eurocell Profiles Limited under Certificate Number KM 500319

### **Eurocell Aspect 2 Panoramic Door System**

Fabricated and installed in accordance with the latest issue of the following Eurocell Profiles Limited controlled manual(s):

Aspect Panoramic Door System, Product Manual

Aspect Panoramic Door System, Fabrication Manual

### **System description:**

The door assemblies comprise up to maximum of 7 leaves are sliding/folding, open in or open out, laminated on one pane to P1A, glazed with or without welded or mechanically jointed midrail fully welded construction (Aluminium track). The door sets are fitted with BiFolding Door Hardware supplied by Eurocell and includes Milenco locking, and keeps with EWS7889 shootbolt lock, EWS7880 traffic door handle and GT Hinge Protectors. Doors are classified as D.

### **Approved Profiles**

| Description            | Profile Code                 | Reinforcement Code                |
|------------------------|------------------------------|-----------------------------------|
| Outer Frame            | EWS 7071/EWS 7581A/EWS 7572A | 7671S                             |
| Door Sash              | EWS 7075/ EWS 7075           | 7677S/7676S                       |
| T Transom              | EWS 7002                     | EWS508A/EWS801P/EWS7621S/EWS7502A |
| Z Transom              | EWS 7003                     | EWS508A/EWS801P/EWS7621S/EWS7502A |
| T Sash                 | EWS 7005                     | EWS805P/EWS7604S/EWS70504A        |
| Midrail                | EWS 7009                     | EWS7509A                          |
| Intermediate T Transom | EWS 7022                     | EWS522A/EWS622S/EWS623S/EWS821P   |
| Intermediate Z Transom | EWS 7023                     | EWS522A/EWS622S/EWS623S/EWS821P   |
| Cill                   | EWS AC 180                   | -                                 |
| Cill                   | EWS AC 150                   | -                                 |
| Cill                   | EWS AC 85                    | -                                 |

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## Eurocell Aspect Panoramic Door System Size Limitations and Exposure Categories

| Door Type                                                                 | Length (mm)<br>- Maximum | Height (mm)<br>- Maximum<br>(including sill) | Air Permeability<br>classification | Watertightness<br>classification | Resistance to Wind<br>classification | Exposure category<br>as given in Table 1<br>of BS 6375-1:2009 |
|---------------------------------------------------------------------------|--------------------------|----------------------------------------------|------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------|
| Overall dimensions for doors with approved outer frame and sash profiles: |                          |                                              |                                    |                                  |                                      |                                                               |
| Overall Maximum Doorset                                                   | 6000                     | 2300                                         | -                                  | -                                | -                                    | -                                                             |
| Individual leaf low<br>threshold                                          | 1000                     | 2192                                         | 2                                  | 4A                               | A2                                   | 800                                                           |
| Individual leaf standard<br>threshold                                     | 1000                     | 2192                                         | 1                                  | 6A                               | A2                                   | 800                                                           |

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# Kitemark™ Certificate

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## **BS 7412:2007/ PAS 24:2016 - General and enhanced security performance requirements for door assemblies.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Eurocell Profiles Limited under Certificate Number KM 500319

### **Eurocell PAS 24 Patio Door System**

Fabricated and installed in accordance with the latest issue of the following Eurocell Profiles Limited controlled manual(s):

PAS 24 Patio Door System Product Manual

#### **System description:**

The door assemblies comprise 2, 3 or 4 pane leaves in a sliding and fixed combination, laminated on one pane to P1A, glazed with or without welded or mechanically jointed midrail low threshold and otherwise fully welded construction.

The doorsets are fitted with Door Hardware supplied by Eurocell and includes Patio PAS 24 lock kit, handle and interlock kit. Doors are classified as D.

#### **Approved Profiles**

| Description                | Profile Code            | Reinforcement Code         |
|----------------------------|-------------------------|----------------------------|
| Outer Frame                | EWS 050                 | EWS 652S                   |
| Door Sash                  | EWS 055                 | EWS 659S/EWS 660S/EWS 555A |
| Mid Rail                   | EWS056                  | EWS 556A                   |
| Low Threshold Kit          | EWS 955/EWS 956/EWS 957 |                            |
| Patio PAS 24 Interlock Kit | EWS 915                 |                            |
| Patio PAS 24 Lock Kit      | EWS 716                 |                            |
| Patio PAS 24 Handle Kit    | EWS 715                 |                            |

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# Kitemark™ Certificate

No. KM 590966

## Eurocell PAS 24 Patio Door System Size Limitations and Exposure Categories

| Door Type                                                                             | Length (mm)<br>- Maximum | Height (mm)<br>- Maximum<br>(including sill) | Air Permeability<br>classification | Watertightness<br>classification | Resistance to Wind<br>classification | Exposure category<br>as given in Table 1<br>of BS 6375-1:2009 |
|---------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------|
| Maximum dimensions for Double Leaf doors with approved outer frame and sash profiles: |                          |                                              |                                    |                                  |                                      |                                                               |
| PAS 24 Patio                                                                          | 3000                     | 2400                                         | 2                                  | 3A                               | A3                                   | 1200                                                          |
| Maximum dimensions for Four Leaf doors with approved outer frame and sash profiles:   |                          |                                              |                                    |                                  |                                      |                                                               |
| Combined sliding and fixed                                                            | 6000                     | 2400                                         | 2                                  | 3A                               | A3                                   | 1200                                                          |

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# Kitemark™ Certificate

No. KM 590966

## BS 7412:2007/ PAS 24:2016 - General and enhanced security performance requirements for door assemblies.

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Eurocell Profiles Limited under Certificate Number KM 500319

### Logik 70 PVC-U Residential Door System

Fabricated and installed in accordance with the latest issue of the following Eurocell Profiles Limited controlled manual(s):

Logik 70mm Window and Door System, Product Manual

Logik 70 PAS 24, Fabrication Manual

Scotia Double Glazing Limited Door Fabrication Manual

### System description:

The door assemblies are open in or out dependant on door type, internally beaded with IGU(s), laminated on one pane to P1A or panelled infill(s), with or without midrails (either glass/midrail/panel, panel/midrail/panel, glass/midrail/glass or fully glazed), with either standard or mechanically fixed low threshold and of otherwise fully welded construction, and letterplate which meets the requirements of TS008 Enhanced Security Grade 2.

Hardware options: Yale Lockmaster lock, Trojan Patriot hinge, UAP 3\* Cylinder, Sealco handle

Doors are classified as D.

### Size Limitations and Performance Characteristics

| Door Type                                                                 | Length (mm)<br>- Maximum | Height (mm)<br>- Maximum<br>(including sill) | Air Permeability<br>classification | Watertightness<br>classification | Resistance to Wind<br>classification | Exposure category<br>as given in Table 1<br>of BS 6375-1:2009 |
|---------------------------------------------------------------------------|--------------------------|----------------------------------------------|------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------|
| Overall dimensions for doors with approved outer frame and sash profiles: |                          |                                              |                                    |                                  |                                      |                                                               |
| Single leaf                                                               | 1050                     | 2300                                         | -                                  | -                                | -                                    | 1200                                                          |
| Double leaf                                                               | 2000                     | 2300                                         | -                                  | -                                | -                                    | 1200                                                          |
| Double leaf                                                               | 2000                     | 2100                                         | 2                                  | 3A                               | A3                                   | 1200                                                          |
| Single leaf                                                               | 860                      | 2040                                         | 2                                  | 5A                               | A2                                   | 800                                                           |

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# Kitemark™ Certificate

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## **BS 7412:2007/ PAS 24:2016 - General and enhanced security performance requirements for door assemblies.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Veka plc under Certificate Number KM 60983.

### **70mm System 10 PVC-U Residential & French Door System**

#### **Fabricated and installed in accordance with the latest issue of the following Veka plc manual(s):**

Halo 70mm System 10 and Rustique System Technical Manual  
Scotia Double Glazing Limited Door Fabrication Manual

#### **System description:**

The door assemblies are single or double leaf, open in or open out dependant on door type, glazed in, with compliant IGU(s), laminated on one pane to P1A, with or without welded or mechanically fixed midrails (either glass/midrail/glass or full glass), and/or letterplate which meets the requirements of TS008:2015 Enhanced Security Grade 2, with mechanically fixed low threshold or standard threshold and of otherwise fully welded construction. Doors are classified D.

#### **Hardware Options**

Lock  
Roto MVD 500  
Fullex XL32R518 (master)  
Fullex XLSL (slave)  
Maco C-TS Top Hat 2 HoBo (master)  
Maco C-TS (slave)  
Yale Millenco MA80039SA SB (master)  
Yale Millenco MA80011SA SB (slave)  
Yale Lockmaster  
Winkhaus 2949050 FGTI COBRA (master)  
Winkhaus 2093896 FGTI COBRA (slave)  
Winkhaus Trulock  
ERA DL8635-00-85AA

Cylinder  
Fullex Kinetica 45/50 3\*  
Maco Guardian 40/45 3\*  
Yale Platinum 40/50 ASP4050 3\*  
Brisant Secure 45/45 Ultion 3\*  
Yale 45/45 PKM4545 1\*  
Winkhaus XR6-51 43/43 1\* +,  
Winkhaus ArmorShield cylinder guard 2\*  
ERA Fortress 45/45 3\*  
Titon Asterion 45/45 3\*

Hinge  
Roto 108 Flag  
SFS Dynamic  
ERA Anchorage HD Flag  
GT Guardian Hinge Protectors  
Patriot Plus

Low Threshold  
Stormguard - AM5EX-70 Proline  
Stormguard Carrier  
Stormguard End-Cap  
PVC Infil

Handle  
Fab & Fix Balmoral or Berwick  
Yale Platinum Y2G HSLC PC 2\*  
Winkhaus Hoppe 425 Series 56/70  
Trojan Sparta 0749 Security Handle 2\*  
Sealco Endurance

Glazing - GT Securi-Clips

Letterplate  
Fab & Fix Nu Mail 76 + TS008 Security Cowl  
VAP TS008

Incl.Smart Sash - Storm 2 Door Range = Limited Availability

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# Kitemark™ Certificate

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## 70mm System 10 PVC-U Residential & French Door System Size Limitations and Performance Characteristics

| Door Type                                                                 | Length (mm)<br>- Maximum | Height (mm)<br>- Maximum<br>(including sill) | Air Permeability<br>classification | Watertightness<br>classification | Resistance to<br>Wind classification | Exposure category<br>as given in Table 1<br>of BS 6375-1:2009 |
|---------------------------------------------------------------------------|--------------------------|----------------------------------------------|------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------|
| Sash dimensions for doors with approved outer frame and sash profiles:    |                          |                                              |                                    |                                  |                                      |                                                               |
| Single leaf                                                               | 1122                     | 2122                                         | 4                                  | 7A                               | A3                                   | 1200                                                          |
| Single leaf AM3/5 threshold                                               | 1122                     | 2122                                         | 4                                  | 5A                               | A3                                   | 1200                                                          |
| Double leaf                                                               | 1122                     | 2122                                         | 3                                  | 7A                               | A3                                   | 1200                                                          |
| Double leaf AM3/5 threshold                                               | 1122                     | 2122                                         | 4                                  | 5A                               | A3                                   | 1200                                                          |
| Overall dimensions for doors with approved outer frame and sash profiles: |                          |                                              |                                    |                                  |                                      |                                                               |
| Double leaf (COBRA Lock)                                                  | 2340                     | 2190                                         | 2                                  | E750                             | A3                                   | 1200                                                          |
| Double leaf (ERA Lock)                                                    | 1800                     | 2100                                         | 3                                  | 3A                               | C2                                   | 800                                                           |

Incl. Smart Sash

Storm 2 Door Range = Limited Availability

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# Kitemark™ Certificate

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**BS 7412:2007/ PAS 24:2016 - General and enhanced security performance requirements for door assemblies.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Veka plc under Certificate Number KM 60983.

## Imagine Patio Door System

**Fabricated and installed in accordance with the latest issue of the following Veka plc manual(s):**

Veka UK Group Imagine Patio Door System Technical Manual.

## System description:

The door assemblies are horizontal 2/3 pane sliding doorsets, glazed, laminated on one pane to P1A, fully glazed only with mechanically fixed low threshold or fully welded construction (Aluminium track). The door sets are fitted with Door Hardware comprising Yale/Paddock 6 point lock, 2 off Winlock Plunge Bolts (T) and lock plates, Yale/Paddock Handles, Cylinders and Rollers or Mila Fearless 6 point lock, Mila 3 point mushroom interlock espag, MI Products interlock protectors and corner bolt, Mila 108908 Handle, Mila interlock handle 109048, Mila cylinder 40/40 ETMNF6. MI Products 2002324 low threshold. Doors are classified as D.

## Size Limitations and Performance Characteristics

| Door Type                                                              | Length (mm)<br>- Maximum | Height (mm)<br>- Maximum<br>(including sill) | Air Permeability<br>classification | Watertightness<br>classification | Resistance to<br>Wind classification | Exposure category<br>as given in Table 1<br>of BS 6375-1:2009 |
|------------------------------------------------------------------------|--------------------------|----------------------------------------------|------------------------------------|----------------------------------|--------------------------------------|---------------------------------------------------------------|
| Sash dimensions for doors with approved outer frame and sash profiles: |                          |                                              |                                    |                                  |                                      |                                                               |
| Patio Doorsets 2/3 pane                                                | 1053                     | 2074                                         | 3                                  | 5A                               | A3                                   | 1800                                                          |
| Patio Doorsets 2/3 pane                                                | 1503                     | 2329                                         | 2                                  | 3A                               | A2                                   | 800                                                           |

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