

# Kitemark™ Certificate

This is to certify that:

Rehau Limited  
Tanygrisiau  
Blaenau Ffestiniog  
LL41 3RY  
United Kingdom

Holds Certificate Number:

KM 76189

In respect of:

**BS EN 12608-1/PAS 24**  
**PVCU Profile - Enhanced Security Windows System Supplier**

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: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

Expiry Date: 2027-03-07



Page: 1 of 17

# Kitemark™ Certificate

No. KM 76189

## **BS EN 12608-1:2016+A1:2020 / PAS 24:2022 – Enhanced security performance requirements for windows in the UK.**

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

**System(s):** **REHAU Total 70 Internally/Externally Glazed Casement/Tilt Turn Window System**

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):  
REHAU Technical Manual  
REHAU Total 70 Window System PAS 24 Manufacturing Specification

**Fabrication Options:** Double or triple glazed, internally or externally beaded 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 where required. Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints and are classified W. 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.

**Hardware Options:** Multipoint locking only

**Ventilation:** None

**Window Types:**

Casement windows	Maco RAIL, M-SPAG or Yale Encloser twin cam or shootbolt or DGS Elite twin cam or Roto TSL espag locking with Secuistyle Defender or EDS HT or Yale F2, or Cotswold or greenteQ Delta or DGS Elite Friction Stays
Flush sash	Kenrick espagnolette with Securistyle hinges
Tilt/turn windows	Maco, Siegenia or Roto tilt/turn gearing
Fully reversibles	MACO RAIL with Peder Nelson hinges. Roto espagnolette with Roto fully reversible hinges
Fixed windows	
Multilight windows consisting of opening light(s) and/or fixed light(s)	

First Issued: 2005-06-14

Effective Date: 2024-05-28

Latest Issue: 2024-05-28

Expiry Date: 2027-03-07

Page: 2 of 17

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# Kitemark™ Certificate

No. KM 76189

## **REHAU Total 70 Internally/Externally Glazed Casement/Tilt Turn Window System Classification for Operational strength in accordance with BS 6375**

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2



First Issued: 2005-06-14  
Latest Issue: 2024-05-28

Effective Date: 2024-05-28  
Expiry Date: 2027-03-07

Page: 3 of 17

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# Kitemark™ Certificate

No. KM 76189

## REHAU Total 70 Internally/Externally Glazed Casement/Tilt Turn Window System Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Top hungs Unreinforced	1200 1200	1200 600	-	24"	-	3 4	E1050 E1050	E2400 E2400	2400 2400
Top hungs Reinforced	1200 1300	1200 1000	-	24"	-	3 4	E1050 E1050	E2400 4	2400 1600
Top hungs Flush sash	1250	1250	-	24"	-	4	E1050	E2400	2400
Side hungs Unreinforced	1200 600	1200 1200	-	24"	-	3 4	E1050 E1050	E2400 E2400	2400 2400
Side hungs Reinforced	1200 1000	1200 1300	-	24"	-	3 4	E1050 E1000	E2400 4	2400 1600
Tilt/Turns Unreinforced	1200	1200	-	-	-	4	E900	E2400	2400
Tilt/Turn Reinforced	1288	1588	-	-	-	3	7A	3	1600
Tilt/Turn Reinforced Roto h/ware	1225	1815	-	-	-	4	7A	CE2400	2400
Fixeds Reinforced	2400	2400	3.84	-	-	3	9A	5	2000
Fully reversible Reinforced	1400	1400	-	-	-	4	E1050	E2400	2400
Fully – reversible Reinforced Roto h/ware	1300	1500	-	-	-	4	E1050	AE2400	2400
Multilight casements Reinforced	2400	2400	2.98	-	1350	-	-	-	2000 Special*
Multilight tilt/turns Reinforced	2500	2500	3.98	-	1500	-	-	-	2800 Special*

First Issued: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

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Page: 4 of 17

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# Kitemark™ Certificate

No. KM 76189

## BS EN 12608-1:2016+A1:2020 / PAS 24:2022 – Enhanced security performance requirements for windows in the UK.

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

**System(s):** REHAU S 719 Tilt Sash Vertically Sliding PVC-U Window System

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):

REHAU S 719 Technical and manufacturing manuals and the REHAU S719 approved Articles List

**Fabrication Options:** Double or triple glazed, internally beaded 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 where required. Welded or mechanically fixed transoms/mullions, tee and/or cruciform joints. Windows are classified as W. 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.

**Hardware Options:** Multipoint locking only

**Ventilation:** None

**Window Types:** Vertically sliding Windows Caldwell hardware

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

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

First Issued: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

Expiry Date: 2027-03-07

Page: 5 of 17

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# Kitemark™ Certificate

No. KM 76189

## REHAU S 719 Tilt Sash Vertically Sliding PVC-U Window System Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Vertical Sliders	1120	1850	-	-	-	2	E750	5	2000

First Issued: 2005-06-14  
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Effective Date: 2024-05-28  
Expiry Date: 2027-03-07

Page: 6 of 17

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## BS EN 12608-1:2016+A1:2020 / PAS 24:2022 – Enhanced security performance requirements for windows in the UK.

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

**System(s):** REHAU GENE0 PVC-U Window System

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):

REHAU GENE0 Technical and manufacturing manuals and the REHAU GENE0 approved Articles List

**Fabrication Options:** Double or triple glazed, internally beaded 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 where required. Welded transoms/mullions, tee and/or cruciform joints. Windows are classified as W. 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.

**Hardware Options:** Multipoint locking only

**Ventilation:** None

**Window Types:** Tilt/Turn Windows Roto and Maco Face Fit and Concealed Gearing  
Fixed Windows

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

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

First Issued: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

Expiry Date: 2027-03-07

Page: 7 of 17

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No. KM 76189

## REHAU GENE0 PVC-U Window System Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Tilt/Turn	1400	1400	-	-	-	4	9A	E2400	2400
Fixed	470	1400	.66	-	-	4	9A	E2400	2400

First Issued: 2005-06-14  
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Effective Date: 2024-05-28  
Expiry Date: 2027-03-07

Page: 8 of 17

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# Kitemark™ Certificate

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## BS EN 12608-1:2016+A1:2020 / PAS 24:2022 – Enhanced security performance requirements for windows in the UK.

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

**System(s):** REHAU Nordic Plus PVC-U Window System

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):

REHAU Nordic Plus Technical and manufacturing manuals and the REHAU Nordic Plus approved Articles List

**Fabrication Options:** Double or triple glazed, internally beaded 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 where required. Welded transoms/mullions, tee and/or cruciform joints. Windows are classified as W. 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.

**Hardware Options:** Multipoint locking only

**Ventilation:** None

**Window Types:** Top Hung windows Siegenia Aubi Locking  
IPA Hinges and hinge protectors  
Fixed windows  
Multilight windows consisting of opening light(s) with or without fixed light(s)

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

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

First Issued: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

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Page: 9 of 17

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# Kitemark™ Certificate

No. KM 76189

## Size Limitations and Performance Characteristics REHAU Nordic Plus PVC-U Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Side Hung	860	1545	-	16"	-	4	9A	E2400	2400
Fixed	1545	1545	1.32	-	-	4	9A	E2400	2400
Multilights T/M 534021	1800	1600	-	-	1545	4	9A	E2400	2400

First Issued: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

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Page: 10 of 17

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# Kitemark™ Certificate

No. KM 76189

## BS EN 12608-1:2016+A1:2020 / PAS 24:2022 – Enhanced security performance requirements for windows in the UK.

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

### Calibre PVC-U Window System

#### Fabrication and Installation:

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

REHAU Calibre Technical and manufacturing manuals and the REHAU Calibre approved Articles List

#### System description:

The windows are double or triple glazed, internally beaded 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 where required. Multipoint locking only, with welded transoms/mullions, tee and/or cruciform joints. Windows are classified as W. 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.

#### Ventilation:

None

#### Window Types:

Casement windows including Flush Sash  
Fixed windows  
Multilight windows comprising opening light(s) and/or fixed light(s)  
DGS Elite Hinges and Maco Locking System

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

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2

First Issued: 2005-06-14

Latest Issue: 2024-05-28

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Expiry Date: 2027-03-07

Page: 11 of 17

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# Kitemark™ Certificate

No. KM 76189

## Size Limitations and Performance Characteristics Calibre PVC-U Window System

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area(m <sup>2</sup> ) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in BS 6375-1
Sash dimensions for windows with approved sash profiles:									
Projecting top hungs Reinforced	1200	560	-	12"	-	4	8A	C5	2000
Top hungs Flush Sash Reinforced	1200	560	-	12"	-	4	8A	C5	2000
Projecting side hungs Reinforced	560	1200	-	16"	-	4	8A	C5	2000
Side hungs Flush Sash Reinforced	560	1200	-	16"	-	4	8A	C5	2000
Overall dimensions for windows with approved outer frame profiles:									
Fixeds Reinforced	1200	1200	1.44	-	-	4	8A	C5	2000
Overall dimensions for approved outer frames & transom/mullion profiles:									
Multilights 216510 reinforced	1200	1200	1.44	-	1145	4	8A	C5	2000

First Issued: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

Expiry Date: 2027-03-07

Page: 12 of 17

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# Kitemark™ Certificate

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## **BS EN 12608-1:2016+A1:2020 / PAS 24:2022 – Enhanced security performance requirements for windows in the UK.**

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

**System(s):** **REHAU Tritec 60mm Internally/Externally Glazed Casement/Tilt Turn Window System**

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):

REHAU Technical Manual  
REHAU Tritec 60mm Window System PAS 24 Manufacturing Specification

**Fabrication Options:** The windows are double glazed only, internally beaded or externally beaded 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 where required. Multipoint locking only, with welded or mechanically fixed transoms/mullions, tee and/or cruciform joints. Windows are classified as W. 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.

**Ventilation:** None

**Window Types:**

Top Hung windows	Securistyle and Maco Locking with Securistyle hinges and
Side Hung Windows	Vector Excluder hinge protectors
Tilt/turn windows	Siegenia Face Fit or Concealed gearing
Fixed windows	
Multilight windows consisting of opening light(s) and/or fixed light(s)	

First Issued: 2005-06-14

Latest Issue: 2024-05-28

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Page: 13 of 17

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# Kitemark™ Certificate

No. KM 76189

## **REHAU Tritec 60mm Internally/Externally Glazed Casement/Tilt Turn Window System Classification for Operational strength in accordance with BS 6375**

Operating forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load Bearing capacity of safety devices	Pass
Impact Resistance	Class 0
Resistance to opening and closing	Class 2



First Issued: 2005-06-14  
Latest Issue: 2024-05-28

Effective Date: 2024-05-28  
Expiry Date: 2027-03-07

Page: 14 of 17

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# Kitemark™ Certificate

No. KM 76189

## REHAU Tritec 60mm Internally/Externally Glazed Casement/Tilt Turn Window System Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Top hungs Reinforced	1200	1280	-	24"	-	-	-	-	2400 Special*
Top hungs Reinforced	1394	1000	-	24"	-	4	E750	4	1600
Side hungs Reinforced	700	1350	-	16"	-	-	-	-	2400 Special*
Side hungs Reinforced	1000	1394	-	16"	-	4	E750	4	1600
Tilt/turns Reinforced	1250	1250	-	-	-	-	-	-	2400 Special*
Tilt/Turns Reinforced	1220	1220	-	16"	-	4	8	E2400	2400
Fixeds Reinforced	3000	3000	6	-	-	-	-	-	2400 Special*
Multilights Reinforced	3000	3000	6	-	1350	-	-	-	1600 Special*
Multilights tilt/turn Reinforced	3000	3000	4.8	-	1250	-	-	-	2400 Special*
Multilights 287798 reinforced	2700	2700	3.5	-	1394	2	5A	4	1600
Multilight 287798 reinforced	1200	1200	-	-	1200	4	9A	E2400	2400

First Issued: 2005-06-14

Latest Issue: 2024-05-28

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Page: 15 of 17

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# Kitemark™ Certificate

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## BS EN 12608-1:2016+A1:2020 / PAS 24:2022 – Enhanced security performance requirements for windows in the UK.

This Certificate covers the following window system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

**System(s):** Rio Flush Window System

**Fabrication and Installation:** Fabricated and installed in accordance with the latest issue(s) of the following controlled manual(s):

Rio Flush Technical Manual

**Fabrication Options:** The windows are double glazed only, internally beaded 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 where required. Multipoint locking only, with welded or mechanically fixed transoms/mullions, tee and/or cruciform joints. Windows are classified as W. 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.

**Ventilation:** None

**Window Types:** Top Hungs Fitted with Securistyle Friction Stays, Maco Hinge Protectors, Kenrick Locking and Kenrick Keeps with GT Pul in wedges  
Side Hungs Fitted with DGS Elite friction stays, GT Window Guard, Kenrick Locking, DGS Elite Flush Keeps.

### Classification for Operational Strength BS 6375

Operating Forces	Class 1
Resistance to Static Torsion	Class 3
Racking	Class 3
Load bearing	N/A
Impact Resistance	Class 0
Repeated Opening and Closing	Class 2

First Issued: 2005-06-14

Latest Issue: 2024-05-28

Effective Date: 2024-05-28

Expiry Date: 2027-03-07

Page: 16 of 17

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# Kitemark™ Certificate

No. KM 76189

## Rio Flush Window System Size Limitations and Performance Characteristics

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Area (m2) - Maximum	Friction Stays (up to and including)	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Side hungs	1200	1200	1.44	24"	-	4	E1050	CE2400	2400
Top hungs	600	1200	.72	16"	-	4	E1050	CE2400	2400

First Issued: 2005-06-14  
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Expiry Date: 2027-03-07

Page: 17 of 17

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