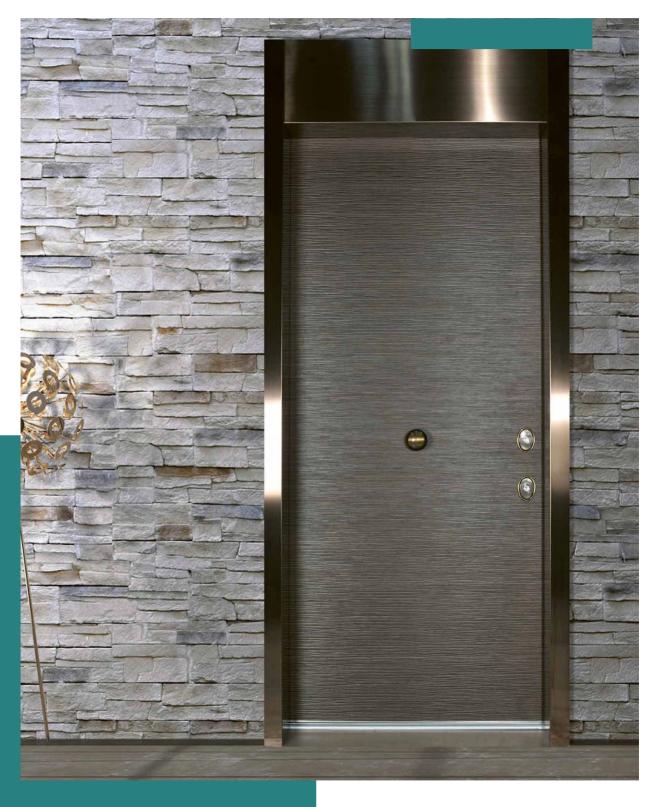
PREMIUM
SECURITY & HIGH
PERFORMANCE
DOORS

# Janus Armoured Security and Fire Doors





#### į

All our armoured doors have been tested and certified in the laboratory to ensure maximum protection and security from break-in attempts. The ability to resist is measured with a combination of static and dynamic loads, and the simulation of burglary attempts implemented with different types of both manual and electric tools.

mean for Burton

What does

protection

Security?



## Burglar-proof security



Fire resistance



Thermal insulation



Sound insulation



Water tightness



Air tightness



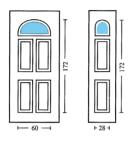
Wind tightness



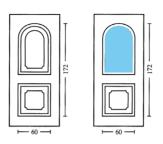
Longevity



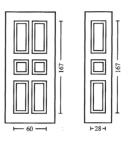
#### **EMBOSSED DESIGNS\***







Ikaro/K1



Eridano/KS

- We offer a variety of models according to the door location, security needs and performance requirements
- We can supply a huge range of shapes and sizes including single leaf, double leaf, glazed panels, over panels, side panels and arched panels. We offer both inward and outward opening doors
- We offer hundreds of finishes and colours in a choice or combination of wood, steel, aluminium mineral and ceramic panels. Each door we supply is made to order according to your requirements
- We have a range of traditional and modern door hardware.

  Doors can be supplied with fixed or lever handles according to your needs



Aluminum F9



Polished brass



## **Design Options**

If you have a specific request, please speak to us. We have a team of craftsmen based in Yorkshire who can design handmade and unique finishes to your door.



## SAFETY AND PROTECTION

Class 3 – This describes the door's performance against burglary attempts. At level 3, testing is undertaken by applying static & dynamic loads as well as undertaking attacks using manual tools such as crowbar, screwdrivers, pliers, etc for a maximum test duration of 20 minutes.

Class 4 – This describes the door's performance against burglary attempts. At level 4, testing is undertaken by applying static & dynamic loads as well as undertaking attacks using manual and electrical tools such as hammer, chisel, axe, bolt cutters, electric drill, etc for a maximum test duration of 30 minutes. Its worth noting that a Class 4 door is at least twice as strong as a Class 3 door, making our Janus 4 & Gold models exceptional value.



## FIRE RESISTANCE

The reference values are where E stands for Integrity and I stands for insulation. The integrity test measures the spread of flame through the door.

The insulation test measures the temperature rise on the protected side of the door.

The number 30, 60, or 120 represents the duration of the test in minutes.

The number 1 or 2 describes two different test and pass criteria, with the number 1 being a more stringent test. Under El 1 thermocouples for measuring the temperature rises are placed closer to the door edges. Additionally, the allowed temperature rise of the thermocouples placed on the door frame are 1800C rather than 3600C at El 2. In both

thermocouples placed on the door frame are 1800C rather than 3600C at El 2. In both standards El 1 & El 2 the average temperature rise of 5 fixed thermocouples placed on the door leaf may not exceed 1400C.



## ACOUSTIC ISOLATION

It is measured in db Rw and it is the capacity to prevent the passage of noise through the door (sound isolation). The higher the value in the display, the better the sound-isolating power. Its worth noting that this value doubles with each 2.7dB. As an example our Janus Gold with 46dB has twice the sound insulation of our Janus 3 with 43dB. Janus doors offer very high levels of sound insulation compared with the market average.



## **AIR TIGHTNESS**

Air permeability is measured in classes from 0 to 4 which indicate the ability to prevent the passage of air through the door. The higher is the classification value, the better it will perform.



## WIND TIGHTNESS

Wind resistance is measured in classes from 0 to 5 which indicate the increasing static resistance of the door to strong gusts of wind and even hurricanes. All our external Janus door have a minimum Class 4 meaning that they can withstand a pressure of 1000Pa or equivalent 150km/h and our top level Janus Gold & Platinum can withstand wind speeds of 180km/h.



## THERMAL ISOLATION

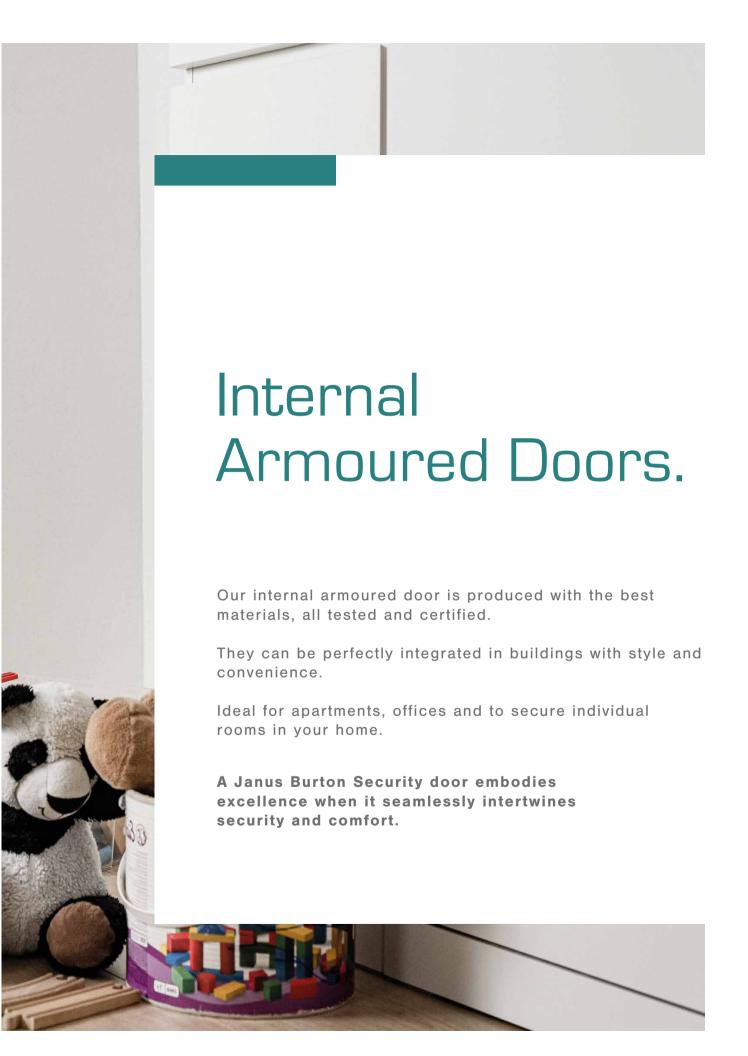
Often referred to as a U value. The insulation for a complete door and framework is measured in (W / m2K) and it is the capacity to prevent the thermal exchange between two rooms separated by the door. The lower the number, the better the insulation. The number 0 would mean that no heat is transferred at all. Our Janus range has industry leading U values, with the Gold & Platinum models suitable for use in Passivhaus schemes.



## WATER PERMEABILITY

Water tightness is measured in classes from 0 to 9 and indicates the capacity to prevent the passage of pressure water through the reinforced gate door. The higher the classification value, the better the tightness capacity.











## Janus 3

**Break-in resistance** class 3 EN 1627/30 **Acoustic insulation** -43 dB Rw

Thermal insulation Ud = 1.3W/m<sub>2</sub>K

Electrogalvanized steel structure
Thermal insulation in compressed mineral wool
Special high performance automatic doorstrip
External seal on frame, internal seal on leaf
Defender in special steel class3 anti-pick rating
Security lock geared mechanism activating six bolts
with self-centring rectangular latch bolt
Hinges 2 adjustables in 3 directions

**Fixed steel bolts** 3 with flat profile

Wide-angle spyhole

Veneered or melamine standard panels

Handles F9 finish aluminium

External casing strips in plastified sheet RAL 9006

**Frame** RAL 9006 or RAL 9010

European cylinder 1+3 keys, according to class WK3

Subframe 3D adjustable in 3 directions

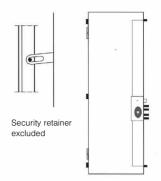
Standard sizes: 80 to 90 x 200 to 210 cm This model is available with different sizes from standard

#### **OPTIONALS**

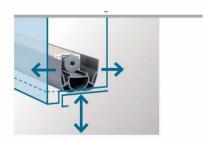
Security retainer
Metal Hinge covers
Internal casing strips
External casing strips
Cylinder with mastered system
Double side key cylinder
Kit Avantgarde electronic locking system with batteries
Kit Avantgarde Plus electronic locking system with mains power
Kit Avantgarde Pro electronic locking system with mains power
& single action to escape Alarm sensor
Boltwork position sensor
Surface mounted & hidden door closer
European cylinder 1+3 keys, according to class WK4

#### **VARIATIONS**

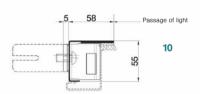
Brass handles (polished, polished or satin chrome, bronze finish) Bullet resistance to FB4 & FB6



Height between 86 and handle 95 cm compliant including Ministerial Decree 236 of Id/06/1989 Door handle height 86-95cm



Draft excluder blade + possible stop



Hydraulic overhead door closer
3D subframe







## Janus 4

**Break-in resistance** class 4 EN 1627/30 **Acoustic insulation** -44,8 dB Rw

Thermal insulation Ud = 1.2W/m<sub>2</sub>K

Electrogalvanized steel structure

Thermal insulation in compressed mineral wool

Special high performance automatic doorstrip

External seal on frame, internal seal on leaf

Oval Defender in special steel class4 anti-pick rating

Security lock geared mechanism activating six bolts

with self-centring rectangular latch bolt

Hinges 2 adjustables in 3 directions with same handles finish

Fixed steel bolts 3 with flat profile

Wide-angle spyhole Veneered or melamine standard panels

Internal casing strips

External casing strips in plastified sheet RAL 9006

Brass handles (polished, polished or satin chrome, bronze finish)

Frame RAL 9006 or RAL 9010

European cylinder 1+3 keys, according to class WK3

Subframe 3D adjustable in 3 directions

Standard sizes: 80 to 90 x 200 to 210 cm

This model is available with different sizes from standard

#### **OPTIONALS**

Security retainer

Metal Hinge covers

Internal casing strips

External casing strips

Cylinder with mastered system

Double side key cylinder

Kit Avantgarde electronic locking system with batteries

Kit Avantgarde Plus electronic locking system with mains power

Kit Avantgarde Pro electronic locking system with mains power

& single action to escape Alarm sensor

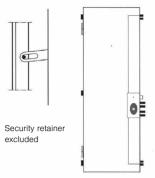
Boltwork position sensor

Surface mounted & hidden door closer

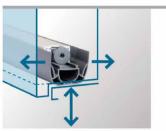
European cylinder 1+3 keys, according to class WK4

#### **VARIATIONS**

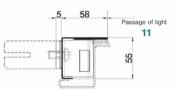
Brass handles (polished, polished or satin chrome, bronze finish) Bullet resistance to FB4 & FB6



Height between 86 and handle 95 cm compliant including Ministerial Decree 236 of Id/06/1989 Door handle height 86-95cm



Draft excluder blade plus possible stop Automatic door strip



3D subframe







## **Janus Panic**

**Break-in resistance** class 4 EN 1627/30 **Acoustic insulation** -44,8 dB Rw **Thermal insulation** Ud = 1.2W/m<sub>2</sub>K

Double Electrogalvanized steel structure
Thermal insulation in compressed mineral wool
Special high performance automatic doorstrip
External seal on frame, internal seal on leaf
Security retainer

**Double oval defender** in special steel class4 anti-pick rating **Security lock** geared mechanism activating six bolts with self-centring rectangular latch bolt

**Hinges** 2 adjustables in 3 directions with same handles finish **Fixed steel bolts** 3 with flat profile

Wide-angle spyhole

Veneered or melamine standard panels

**Internal** casing strips

External casing strips in plastified sheet RAL 9006

**Brass handles** (polished, polished or satin chrome, bronze finish) **Frame** RAL 9006 or RAL 9010

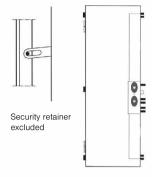
**Double european cylinder** 1+3 keys, according to class WK4 **Subframe** 3D adjustable in 3 directions

Standard sizes: 80 to 90 x 200 to 210 cm This model is available with different sizes from standard

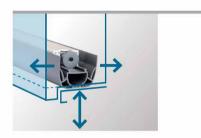
#### **OPTIONALS**

Security retainer
Cylinder with mastered system
Double side key cylinder
Alarm door position sensor
Boltwork sensor

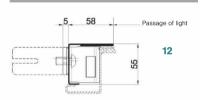
Bullet resistance to FB4 & FB6



Height between 86 and handle 95 cm compliant including Ministerial Decree 236 of Id/06/1989 Door handle height 86-95cm



Draft excluder blade plus possible stop



3D subframe

#### **VARIATIONS**

European cylinder 1+3 keys, according to class WK4





## **Janus Fire**

El<sub>2</sub> 60 / El<sub>1</sub> 30

**Break-in resistance** class 3 EN 1627/30 **Fire resistance** 60' on both sides

Acoustic insulation -43 dB Rw Thermal insulation Ud = 1.6W/m <sub>2</sub>K

**Electrogalvanized** steel structure

Thermal insulation in compressed mineral wool Special high performance automatic doorstrip External seal on frame, internal seal on leaf Heat expanding seal

**Defender** in special steel class3 anti-pick rating **Security lock** geared mechanism activating six bolts

with self-centring rectangular latch bolt **Hinges** 2 adjustables in 3 directions **Fixed steel bolts** 3 with flat profile

Wide-angle spyhole

Veneered or melamine standard panels

**Handles** F9 finish aluminium

**Internal** casing strips

**External** casing strips in plastified sheet RAL 9006

Frame RAL 9006 or RAL 9010

European cylinder 1+3 keys, according to class WK3

**Subframe** 3D adjustable in 3 directions

Standard sizes: 80 to 90  $\times$  200 to 210 cm

Size limitations: max passage size 900x2100mm, not higher dimensions allowed

#### **OPTIONALS**

Security retainer

Metal Hinge covers

Cylinder with mastered system (to add to the cost of the cylinder,

Double side key cylinder

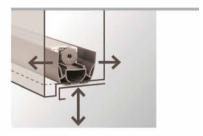
Kit Futura for door automation (only available with external cable) Surface mounted closer

## VARIATIONS

Brass handles (polished, polished or satin chrome, bronze finish) European cylinder 1+3 keys, according to class WK4



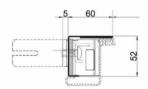
Height between 86 and handle 95 cm compliant including Ministerial Decree 236 of Id/06/1989



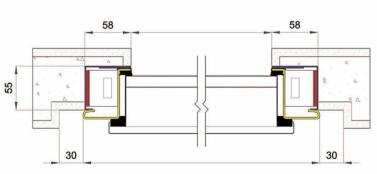
Draft excluder blade + possible stop



Hydraulic overhead door closer



3D subframe



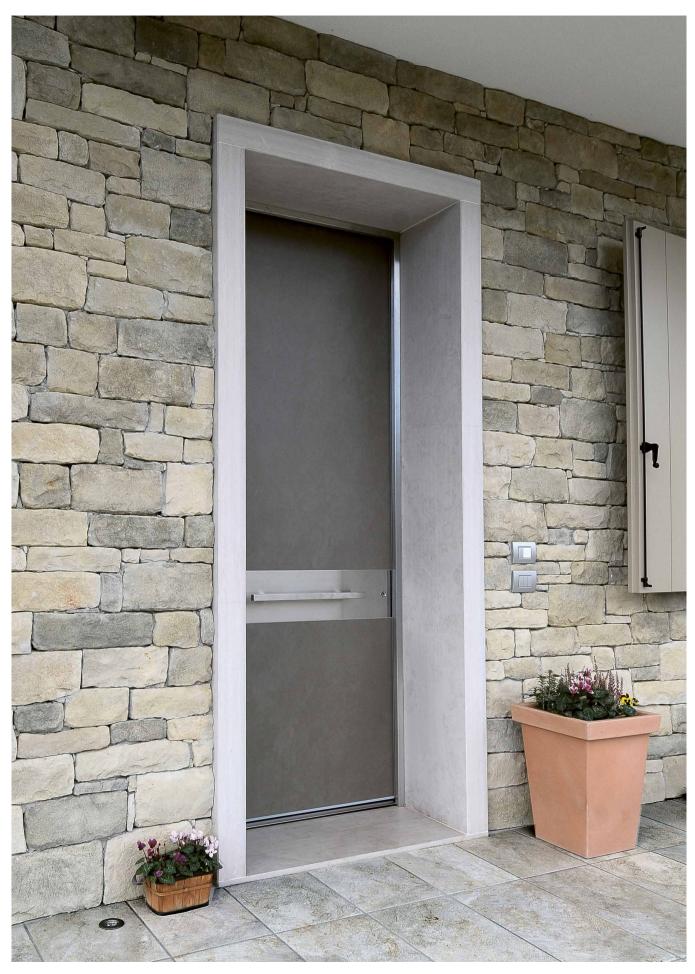
Notes: the handles height is between 85 and 95 cm according to D.M. 236 14/06/1989

# Exterior Armoured Doors

Burton Security, exterior armoured doors have unparalleled quality and technological features and are the best performing on the market. They represent the perfect solution for energy-saving buildings and they come in different models and types. European burglar-resistant certifications, acoustic isolation, thermal transmittance, air, water and wind tightness.

A Janus Burton Security door embodies excellence when it seamlessly intertwines security and comfort.

14

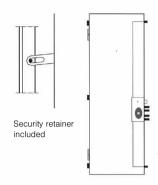


15

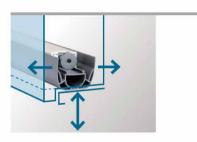


## Janus 3 EX

Break-in resistance class 3 EN 1627/30 Acoustic insulation -43 dB Rw Thermal insulation  $Ud = 1.0W/m_2K$ Air tightness class 4 Water tightness class 6A Wind load resistance class C4



Height between 86 and handle 95 cm compliant including Ministerial Decree 236 of 14/06/1989

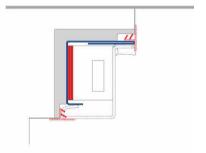


Draft excluder blade



Swiss threshold





3D subframe with wraparound insulation



**Electrogalvanized** steel structure Thermal insulation in compressed mineral wool

Special high performance automatic doorstrip Swiss threshold

External seal on frame, internal seal on leaf **Defender** in special steel class3 anti-pick rating Security lock geared mechanism activating six bolts with self-centring rectangular latch bolt

Hinges 2 adjustables in 3 directions with same handles finish

Fixed steel bolts 3 with flat profile

Wide-angle spyhole

Veneered or melamine standard panels

Handles F9 finish aluminium Frame RAL 9006 or RAL 9010

European cylinder 1+3 keys, according to class WK3

Subframe 3D adjustable in 3 directions

Standard sizes: 80 to 90 x 200 to 210 cm This model is available with different sizes from standard

#### **OPTIONALS**

Security retainer Metal Hinge covers Internal casing strips External casing strips Cylinder with mastered system Double side key cylinder

Kit Avantgarde electronic locking system with batteries

Kit Avantgarde Plus electronic locking system with mains power

Kit Avantgarde Pro electronic locking system with mains power & single action to escape

Alarm sensor

Boltwork position sensor

Surface mounted & hidden door closer

Bullet resistance to FB4 & FB6



#### **VARIATIONS**

Brass handles (polished, polished or satin chrome, bronze finish)







## **Janus Sunny**

## **GLASS DOOR**

Break-in resistance class 3 EN 1627/30 Acoustic insulation -43 dB Rw Thermal insulation  $Ud = 1.0W/m_2K$ Air tightness class 4 Water tightness class 6A Wind load resistance class C4

**Electrogalvanized** steel structure

Thermal insulation in compressed mineral wool

Special high performance automatic doorstrip Swiss threshold

External seal on frame, internal seal on leaf

**Defender** in special steel class3 anti-pick rating

Security lock geared mechanism activating six bolts

with self-centring rectangular latch bolt

Hinges 2 adjustables in 3 directions

Fixed steel bolts 3 with flat profile

Wide-angle spyhole

Internal panel pvc film white Ral 9016 finish with grey

External panel mineral panel with pvc film

(finishes available finishes on page)

Internal Handle F9 finish aluminium

Handles F9 finish aluminium

External Handle: Tube H stainless steel fixed handle

Frame RAL 9006 or RAL 9010 Armored glass frosted finish

European cylinder 1+3 keys, according to class WK3

**Subframe** 3D with enveloping isolation

Standard sizes: 80 to 90 x 200 to 240 cm

without surcharge

#### **OPTIONALS**

Security retainer

Metal Hinge covers

Internal casing strips

External casing strips

Cylinder with mastered system (to add to the cost of the cylinder,

Double side key cylinder

Kit Avantgarde electronic locking system with batteries

Kit Avantgarde Plus electronic locking system with mains power

Kit Avantgarde Pro electronic locking system with

mains power & single action to escape

Alarm sensor

Boltwork position sensor

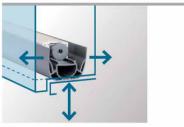
Surface mounted & hidden door closer

#### **VARIATIONS**

Brass handles (polished, polished or satin chrome, bronze finish)



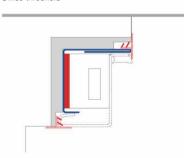
Height between 86 and handle 95 cm compliant at D.M 236 of 14/06/1989



Draft excluder blade



Swiss threshold



3D subframe with wraparound insulation



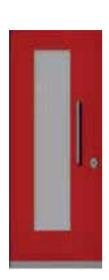
SUNNY Top Single door only Not available with reverse armouring



For different subframes and slats ask for more info to us

**Burton Security** 

# Glass Doors



Minimum dimensions 80x200cm



Maximum dimensions 90x240cm







Visible glass 29x144cm always centred



Visible glass 20x144cm always centred

.





## Janus 4 Ex

Break-in resistance class 4 EN 1627/30 Acoustic insulation -44,8 dB Rw Thermal insulation Ud = 1.2W/m<sub>2</sub>K Air tightness class 4 Water tightness class 3A Wind load resistance class C4



Thermal insulation in compressed mineral wool

Special high performance automatic doorstrip **Swiss threshold** 

External seal on frame, internal seal on leaf

Oval Defender in special steel class4 anti-pick rating

Security lock geared mechanism activating six bolts

with self-centring rectangular latch bolt

Hinges 2 adjustables in 3 directions with same handles finish

Fixed steel bolts 3 with flat profile

Wide-angle spyhole

Veneered or melamine standard panels

Internal panel casing strips

External panel mineral panel with pvc film

(finishes available finishes on page)

Internal Handle casing strips in plastified sheet RAL 9006

Brass handles (polished, polished or satin chrome, bronze finish)

External Handle: Tube H stainless steel fixed handle

**Frame** RAL 9006 or RAL 9010

European cylinder 1+3 keys, according to class WK4

Subframe 3D Energy adjustable in 3 directions,

with wood for thermal cut on the floor

and perimetral insulation.

Standard sizes: 80 to 90 x 200 to 210 cm

This model is available with different sizes from standard

### **OPTIONALS**

Security retainer

Metal Hinge covers

Internal casing strips

External casing strips

Cylinder with mastered system

Double side key cylinder

Kit Avantgarde electronic locking system with batteries

Kit Avantgarde Plus electronic locking system with mains power

Kit Avantgarde Pro electronic locking system with mains

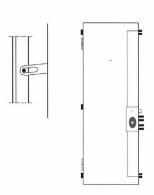
power & single action to escape

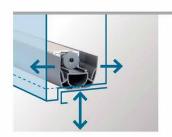
Alarm sensor

Boltwork position sensor

Surface mounted & hidden door closer

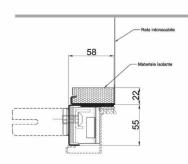
Bullet resistance FB4 & FB6



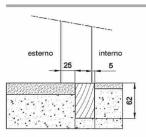




Swiss threshold



3D Energy subframe with insulation



Thermic cut in the threshold









## **Janus Gold**

Break-in resistance class 4 EN 1627/30
Acoustic insulation -46 dB Rw
Thermal insulation Ud = 0.60W/m<sub>2</sub>K
Air tightness class 4
Water tightness class 9A
Wind Resistance Class C5
Torsional resistance conforming
Impact resistance conforming

Double electrogalvanized steel structure
Thermal insulation in compressed mineral wool
Special high performance automatic doorstrip
Swiss threshold
External seal on frame, internal seal on leaf n°2

**Oval Defender** in special steel class4 anti-pick rating **Security lock** geared mechanism activating four specials bolts with self-centring rectangular latch bolt

**3 Wings hinges** 2 adjustables in 3 directions with same handles finish **Fixed steel bolts** 3 with flat profile

Wide-angle spyhole

Veneered or melamine standard internal panel

Internal panel casing strips

**Smooth multilayer wood thickness 9mm** in Okoumé, Tanganika or MDF external panel

Internal and external casing strips Stainless satin steel handles Frame RAL 9006 or RAL 9010

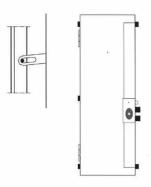
European cylinder 1+3 keys, according to class WK4
Subframe 3D Energy adjustable in 3 directions,

with wood for thermal cut on the floor and perimetral insulation.

Standard sizes: 80 to 90 x 200 to 210 cm This model is available with different sizes from standard



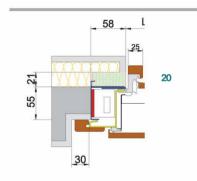
Security retainer
Cylinder with mastered system
side key cylinder
Futura electronic locking
Alarm sensor
Boltwork position sensor
Surface mounted & hidden door closer



Height between 86 and handle 95 cm compliant at D.M 236 of 14/06/1989



KLIMA theshold



3D energy threshold



Klima thermal break under threshold



urton Security







## **Janus Platinum**

Break-in resistance class 3 EN 1627/30
Acoustic insulation -46 dB Rw
Thermal insulation Ud = 0.54W/m<sub>2</sub>K
Air tightness class 4
Water tightness class 9A
Wind load resistance class C5
Torsional resistance conforming
Impact resistance conforming

Double electrogalvanized steel structure
Thermal insulation in compressed mineral wool
Special high performance automatic doorstrip
Thermic threshold
External seal on frame, internal seal on leaf n°2
Oval Defender in special steel class4 anti-pick rating
Security lock geared mechanism activating four specials bolts with self-centring rectangular latch bolt
3 Wings hinges 2 adjustables in 3 directions with same handles finish
Fixed steel bolts 3 with flat profile

**Smooth multilayer wood thickness 9mm** in Okoumé, Tanganika or MDF external panel **Internal and external** casing strips

Wide-angle spyhole

Stainless satin steel handles
Frame RAL 9006 or RAL 9010

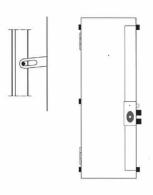
Veneered or melamine standard internal panel

**European cylinder** 1+3 keys, according to class WK4 **Subframe** 3D Energy adjustable in 3 directions, with wood for thermal cut on the floor and perimetral insulation.

Standard sizes: 80 to 90 x 200 to 210 cm This model is available with different sizes from standard

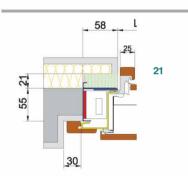


Security retainer
Cylinder with mastered system
side key cylinder
Futura electronic locking
Alarm sensor
Boltwork position sensor
Surface mounted & hidden door closer

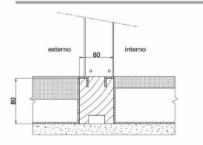




KLIMA theshold



3D energy threshold



Klima thermal break under threshold

## Kit Avantgarde electronic locking system

# KIT AVANTGARDE



- Battery powered, stand alone version with up to 20,000 operations per set
- · Mains powered version with optional battery back up
- Option for single action to escape lever handle to EN179 or push to exit button Operation by PIN code, RFID card, fingerprint & bluetooth mobile APP
- Option of wifi gateway to programme and manage remotely Up to 300 different users
- Temporary one time codes for guests and service personnel
- Timed access rights
- Full event log
- Lock status monitoring Automatic locking on closure

NB Not compatible with Panic, Fire & Klima models.





Lock with "Single Action" function which allows the release of all throws by lowering the handle.



Backlit numeric keypad. External opening command via numerical code and transponder and bluetooth control.



Special flat deadbolts to optimize closing and latchbolt with double slope to guarantee correct coupling and the absence of vibrations during closing.

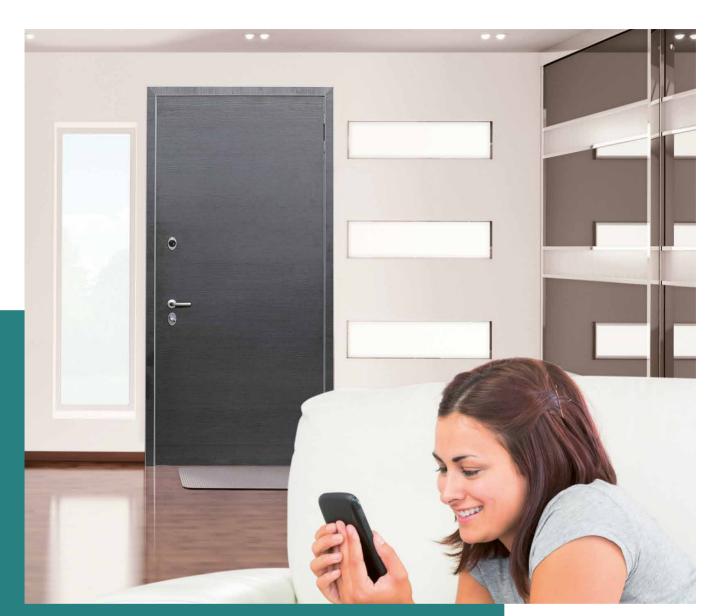


Contacts for electronic lock.



Electronic peephole with built-in camera, optional.

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## Coloured Glass













2

**Burton Security** 

## Standard Panels





Tanganika scuro 9 mm Tanganika scuro 14 mm



Tanganika chiaro 9 mm Tanganika chiaro 14mm

Okumè naturale 14 mm







Okumè chiaro 9 mm Okumè chiaro 14 mm

Tanganika medio 9 mm Tanganika medio 16 mm



Rovere naturale 14 mm

Rovere chiaro 14 mm

Okumè medio 9 mm

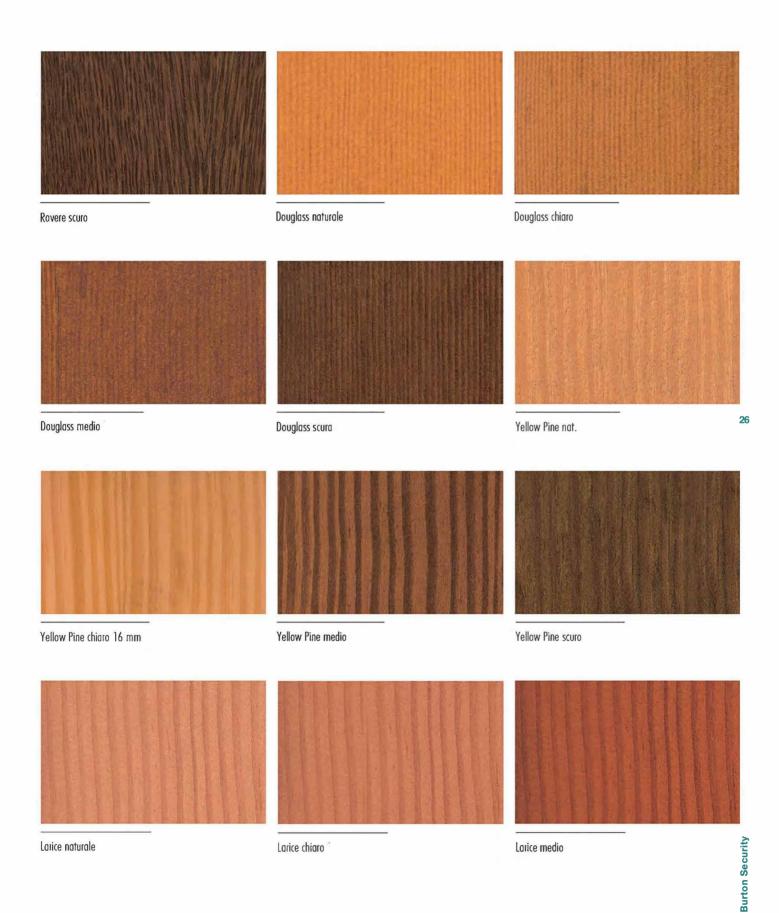
Okumè medio 14 mm

Rovere medio 14 mm

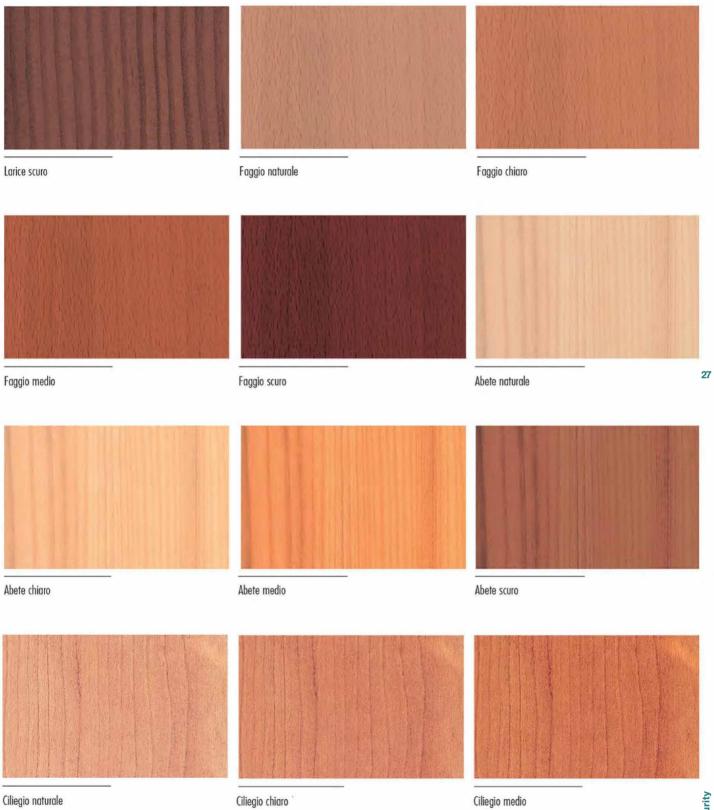
Okumè scuro 9 mm

Okumè scuro 14 mm

## Standard Panels



## Standard Panels









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## Types of Pantographed Panels



## Types of Pantographed Panels



# Types of Pantographed Panels





PV29

PV24

PV25

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PV31



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#### Types of Pantographed Arco Panels



#### Types of Pantographed Arco Panels



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