

SAFETY AND SECURITY



SAFETY

PROTECTION

The protection of people is an essential element for public buildings such as schools, hospitals or offices. Windows are one of the architectural elements with which users interact most in their daily lives.

It is therefore important that windows and doors offer an adequate level of safety, preventing improper use and therefore safeguarding people from potential accidents.

Giesse offers a range of products for tilt-and-turn and casement aluminum windows, capable of satisfying the security and protection needs of users.



Risk of falls



Risk of injury



Germs and bacteria







"LOGICA" TILT-AND-TURN WINDOW

The "Logica" mechanism reverses the classic tilt-and-turn mechanism: with a 90° cremone, the door opens tilted, while with a 180° cremone it is side-hung.

It is particularly recommended for use in public buildings such as schools and hospitals, combined with a Key Capture cremone. This combination enables the window to be fully opened only by the person in possession of the key, while ordinary users can only open it as a bottom-hung window, to change the air in total safety.

The complete solution

"Logica" tilt-and-turn mechanisms

Key Capture cremone

Tilt-and-turn hinges and arms

1 Handle at 0°

Closed window.



2 Handle at 90°

Open bottom-hung window



3 Handle at 180° with key only

Open casement window.





Prima



Asia



Kora

Key Capture

cremones in three different designs: Prima, Asia and Kora.



KEY CAPTURE
Safety mechanism that prevents the key from being extracted when the mechanism is tilted 180°.



Micro-ventilation with 135° mechanism fitted as standard.



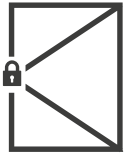
C.H.I.C. concealed hinges, for a window with a minimalist aesthetic.



Antigerm™ treatment.
Active 24 hours a day, it eliminates 99.99% of the germs and bacteria that deposit themselves on the mechanism.



Incorrect movement safety mechanism. Enables the cremone to be operated only when the sash is hooked onto the frame. The device also prevents the sash from lifting.



SECURITY SASH

The Security Sash hardware enables the sash to be only opened slightly, to protect the users. Based on how the arm is regulated, **the sash opens for a maximum of 10 cm with cremone at 90°**, guaranteeing the recirculation of air without the risk of accidents occurring. The sash can be opened fully by rotating the cremone to 180°, only if a key is present.

Available in a version with horizontal fastener and vertical fastener, depending on the position of the limitation arms.



The complete solution

- Security sash kit (horizontal or vertical)
- Key Capture cremone
- Sash hinge
- Additional fastening mechanism (optional)

1 Handle at 0°

Closed window.



2 Handle at 90°

Open casement window, open to a maximum of 10 cm.



3 Handle at 180° with key only

By inserting the key, the window can be fully opened.



Available in a version with horizontal fastener and vertical fastener, depending on the position of the limitation arms.



Hinges are available to suit various different sash sizes.



Flash (60 kg)



Bridge (100 kg)



Celera (100 kg)



Fulcra (130 kg)



Flash XXL (160 kg)



C.H.I.C. (100 or 130 kg)



AntigerM™ treatment. Active 24 hours a day, it eliminates 99.99% of the germs and bacteria that deposit themselves on the mechanism.



Key Capture cremones in three different designs: Prima, Asia and Kora.



Without a key, the window can only be opened 10 cm wide, in accordance with the AAMA-USA children's safety standard.

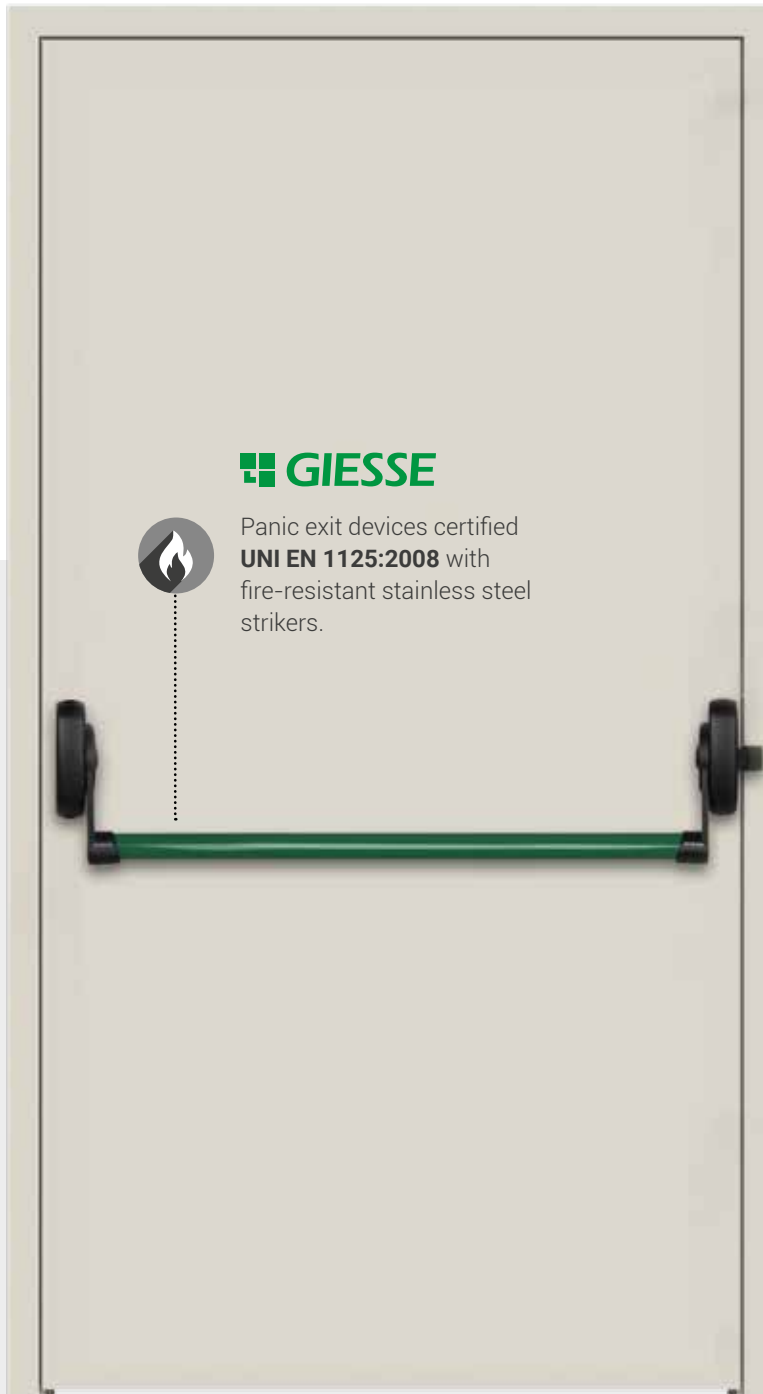


Additional fastening mechanisms can be added based on the dimensions of the window.



SOLUTIONS FOR **SAFETY DOOR**

"One-stop solution". With **Giesse hardware**, **Schlegel seals** and **Reguitti handles** it is possible to create complete, integrated and harmonious high performance windows for all types of buildings.



GIESSE



Panic exit devices certified
UNI EN 1125:2008 with
fire-resistant stainless steel
strikers.



Push-bar version.



Touch-bar version.



Schlegel

Schlegel Q-LON
fire retardant

Polyurethane foam seal.
Fire safety classification
EN 13501-1, Class E
(reaction to fire).



Schlegel

Discover
the world
of Schlegel
gaskets

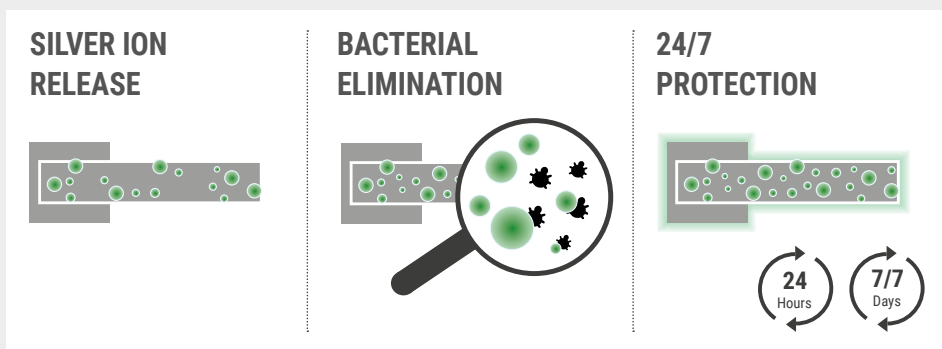




ANTIGERM™

Antigerm™ is the exclusive anti-bacterial treatment for handles. The resin with which it is made consists of silver ions and water-based paint and contains no chemical solvents.

Antigerm™ is the ideal solution for uses where it is essential to ensure hygiene, such as kindergartens, retirement homes, schools, hospitals, leisure centers, hotels and laboratories.



CERTIFICATION
ISO 22196

ANTIGERM™ kills more than 99.99% of germs

Silver ions are released slowly, inhibiting the development of germs and bacteria, and causing their total elimination (over 99.99%). The treatment is permanent and active 24 hours a day, 7 days a week for the entire life of the product without the need for regeneration. Even in case of surface scratching, silver ions guarantee the antibacterial activity.

The **Antigerm™** treatment is certified by the IMSL international laboratories (UK Industrial Microbiological Services Limited), in conformity with the requisites of standard ISO 22196:2007 (Measurement of anti-bacterial activity).

The antibacterial treatment has been tested for resistance to corrosion in salt spray according to EN 1670.

Antigerm™ is available for the range of Giesse, Reguitti and Reguitti Inox handles.

Discover
Antigerm™



SECURITY



SECURITY

The home is the ultimate place in need of protection. People need to feel safe in their own homes. Burglaries result in material damage, but often also cause psychological damage, which is more difficult to quantify.

In addition to private homes, security requirements touch every area of the building trade: businesses, offices, warehouses and public buildings.

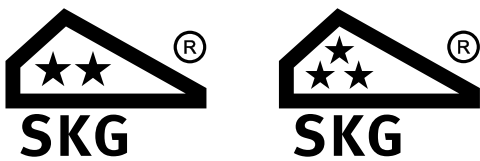
Every opening in the building is, by definition, a potential access point for attackers. A secure window or door is the result of a combination of several factors: the profile, the glass and the hardware.

Giese offers a range of components for burglar-proof windows, certified according to the strictest standards on the market.

BURGLAR-PROOF CLASSES

The European standards EN 1627 to EN 1630 define the burglary resistance classification RC as the combined result of profile, glass and locking elements.

The RC2 and RC3 ratings are the most suitable for private, public and commercial buildings. Ratings RC4 and over are dedicated to special buildings such as prisons and banks.



SKG is the only burglar-proof product-specific (HW) certification issued by SKG-IKOB (Netherlands), Europe's most authoritative laboratory in the field.



Class 2

Loads: from 1.50 to 3.00 kN

Break-in times: 3 minutes



Class 3

Loads: from 3.00 to 6.00 kN

Break-in times: 5 minutes



Class 4

Loads: from 6.00 to 10.00 kN

Break-in times: 10 minutes



Class 5

Loads: from 10.00 to 15.00 kN

Break-in times: 15 minutes



SKG COMPONENTS

SKG certified Giesse components can be used to achieve a RC2 or RC3 rating on a side-hung or tilt-and-turn window.

The SKG kits include all the components and mechanisms required to set up a window of any size. They can be paired with the Futura hinges or the C.H.I.C. concealed hinges, in addition to the Giesse cremones with three different designs: Prima, Asia and Kora.

The complete solution

SKG** or SKG*** burglar-proof fastening mechanism components

SKG** or SKG*** mechanism

Cremone with SKG** or SKG*** key

C.H.I.C. or FUTURA arms and hinges



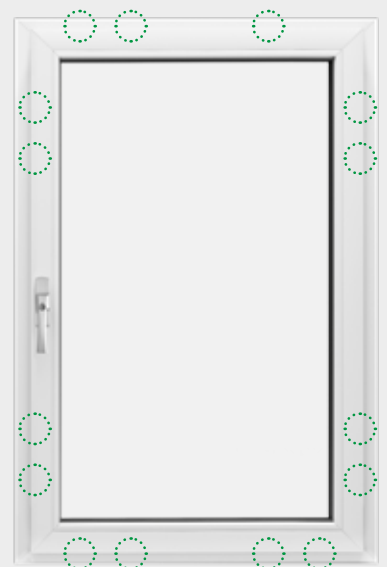
RC2

SKG** LOCKING POINTS



RC3

SKG*** LOCKING POINTS





Reinforced connection rods and mechanisms.



The number of locking points depends on the dimensions of the window.



The toughest certified cremones on the market: **over 140 Nm.**



Incorrect movement safety mechanism. Enables the cremone to be operated only when the sash is hooked onto the frame.



The SKG Giesse components are designed to be associated with C.H.I.C. arms and concealed hinges, to achieve a **minimalist window aesthetic**, or Futura hinges.



Adjustable shims reduce the sideways movement of the frame. They hinder the insertion of burglary tools.

SOLUTIONS FOR SECURITY DOORS

"One-stop solution". With **Giesse hardware**, **Schlegel seals** and **Reguitti handles** it is possible to create complete, integrated and harmonious high performance windows for all types of buildings.



GIESSÉ

Multipoint lock with central lock and additional locks, flat front plate, with spring latch and tilting bolt. Compatible with European profile cylinders.



GIESSÉ

Domina HP SKG certified front-fitting hinges.



REGUITTI

Security plate.



REGUITTI

Discover the world of Reguitti handles.

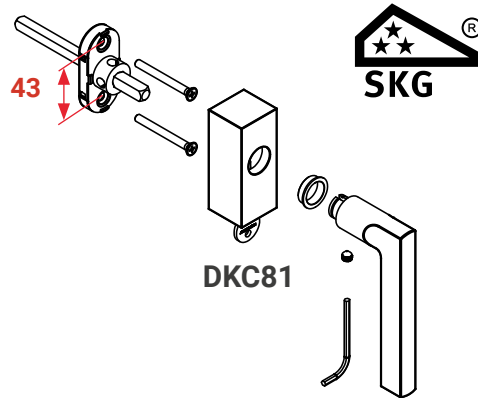
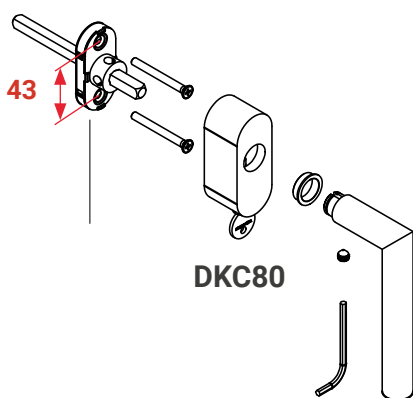


OTHER SECURITY SOLUTIONS

REGUETTI

RC2 certified window handles

For burglar-proof windows, Reguitti offers window handles with key, certified as having RC2 resistance (100 Nm), both with oval rosette C80 and rectangular rosette C81. Available for a vast range of Reguitti designs.



REGUETTI

Front door security plates

Cylinder cover security plates in brass for small access doors.



CD Q06

Door shim from 74 (60*) to 80 mm.
Adjustable for cylinder protrusion from 8 to 15 mm.



CD 006

Door shim from 74 (60*) to 80 mm.
Adjustable for cylinder protrusion from 8 to 15 mm.



North America



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www.amesburytruth.com

UK and Ireland



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www.erahomesecurity.com

International



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www.schlegelgiesse.com



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