

## What makes **TRIDENT** different?

*Trident* eliminates the need for fabricators and specifiers to choose between safety, egress and security by allowing for all three in a single casement window hardware solution.

The hardware fits standard strikers and so no special routing details are required to make a security window to BS7950 standards, saving valuable fabrication time.

The restrictor can be retro-fitted and fire escape hinges can also be fitted for 90-degree opening.

*Trident* uses 'hook' security technology, previously only used in door locks, and combines a hook manufactured using a high tensile alloy with a cam to deliver a unique, durable, long-term solution with minimal hook wear.

This security product can be fitted onto standard routing, saving time and making it easier to fabricate, whilst offering all the performance benefits of security hardware.

## Environmental responsibility

SIEGENIA-AUBI is one of the early pioneers of environmentally sustainable product development.

Its TS-Look hardware coating - used on the *Trident* hardware - offers unrivalled performance without the inclusion of potentially hazardous CrVI - commonly used in standard yellow passivation.

SIEGENIA-AUBI's E-Look coating also offers these benefits as well as superior corrosion resistance for aggressive environments.

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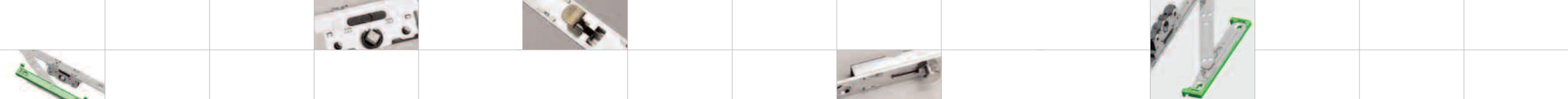


**TRIDENT**  
SECURITY EGRESS SAFETY

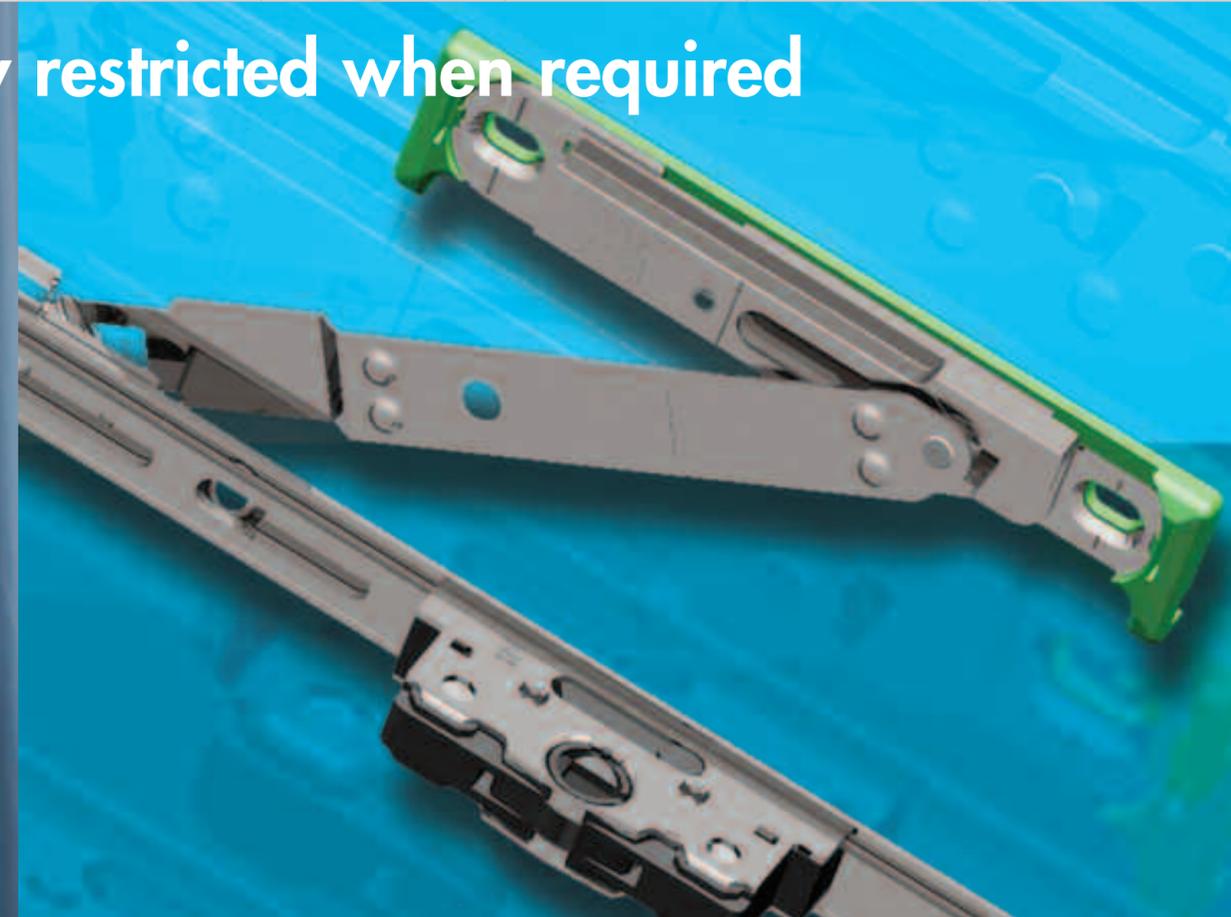
All in one - security, egress  
and safety casement window  
hardware

**SIEGENIA AUBI**  
SOLUTIONS INSIDE

**SIEGENIA AUBI**  
SOLUTIONS INSIDE



# Windows should be secure, easy to open for emergency exit and readily restricted when required



## Restricting exit

To minimise the risk of falls from open windows, window hardware should incorporate a restrictor which will prevent the window from being opened any wider than 100mm unless in the event of an emergency where the window is required as a means of escape.

British Standard 8213-1: 2004 advises that restrictors should be easy to identify and limit the movement of the window.

SIEGENIA-AUBI's *Trident* hardware incorporates an integrated restrictor - which can be retro-fitted - that is extremely easy to operate when required and can

automatically re-engage. Because it is discreetly positioned within the locking mechanism, it will not interfere with the appearance of your window.

## Preventing crime

There are several initiatives and standards that are accepted as the goals towards which window manufacturers and installers strive. The most widely recognised are the police-accredited Secured By Design (SBD), and BS7950: 1997 - the British Standard against which window security is measured.

*Trident* hardware is Secured By Design compliant and also meets BS7950 requirements, taking security technology previously only used in door locks and applying it to window hardware for the ultimate in security.

## Emergency escape

Windows provide one of the only means of escape from a building in the event of an emergency and so it is important that an exit is made as easy as possible.

An optional restrictor will allow for emergency exit when required, whilst restricting window opening for day-to-day use, and for the protection of the young

or elderly. Building regulations require that restrictors should be simple to release by manipulation by an adult who hasn't had prior instruction.

The *Trident* restrictor is integral to the hardware and can be easily disengaged to allow for escape in the event of an emergency.

And because the superior performance benefits of *Trident* are incorporated into a single piece of hardware, there are no obstructions caused by additional mechanisms to impede a quick and easy emergency exit. The restrictor is green in colour and, as such, is easily identifiable for quick release.

# SAFETY SECURITY EGRESS