



Securon® Aluminium window

Combined Protection for Maximum Security Requirements

The SECURON® aluminium window is specifically designed for high-security environments, combining maximum protection with architectural precision. It provides reliable resistance against burglary, ballistic impact, and explosions – all based on independently verified security standards.

A key feature: the anti-burglary protection remains effective even in the tilted position. Thanks to the discreetly integrated security mechanism and slim profile design, the window can be seamlessly incorporated into demanding construction projects – without compromises in design or functionality.



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Highlights

- Tilted-position security: The window reliably resists burglary up to resistance class RC3 even when tilted. This combination allows effective ventilation while maintaining protection, making it especially suitable for high-security areas with daily public access.
- Verified protection: Tested against burglary up to RC4, ballistic impact up to FB4-NS, and explosions – for example, 500 kg of explosives at a distance of 29 metres – the SECURON® window is a high-performance security solution.
- Concealed components: All security-relevant elements are fully integrated within the profile. The external design remains unobtrusive and flexible, whether as a classic tilt-and-turn window, window door, or combined with customised surface finishes.

Security features



Forced entry resistance

RC1 RC2 RC3 RC4 RC5 RC6
DIN EN 1627-1630



Bullet resistance

FB1 FB2 FB3 FB4 FB5 FB6 FB7
DIN EN 1522 + 1523



Explosion and shock wave

EXR1 EXR2 EXR3 EXR4 EXR5
DIN EN 13123-2 + 13124-2



Fire and smoke protection

EI15 EI20 EI30 EI45 EI60 EI90 EI120 EI180 EI240
Fire protection DIN EN 13501-2
S_a S₂₀₀
Smoke protection DIN EN 1643-1

Properties



Air permeability class 4



Wind load resistance class C5



Sound insulation up to R_w 45 dB



Mechanical durability class 2



Water tightness class 8A



Sash dimension up to 2.400 × 2.400 mm (W x H)



Impact resistance class 5

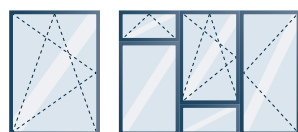


Sash weight up to 200 kg



U_w-value 0,8–1,5 W/m²K

Design examples



More Sälzer
security windows



Architectural sections
available upon request