



S6es-d Aluminium door

Transparent security in aluminium

The S6es-d aluminium door combines high security standards with clear, architecturally sophisticated design. Its slim profile construction enables large glass surfaces and a uniform look – even compared to non-security door systems.

At the same time, the system provides certified protection against burglary up to RC4, ballistic attacks up to FB4-NS and explosions – with tests including 500 kg of explosives at a distance of 28 metres. The flush interior and exterior appearance ensures a reduced, precise aesthetic, as well as high operational reliability in daily use.



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Highlights

- Certified security: Burglar resistance up to RC4, ballistic protection up to FB4-NS and blast mitigation with verification to international standards and project-specific tests.
- Transparent architecture: Slim aluminium profiles and large glass surfaces allow for a bright, open design while maintaining a high level of protection.
- Constructive quality: Flush door construction that ensures smooth operation and reliability – designed for lasting use in security-critical environments.

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 47 dB



Mechanical durability class 7



Water tightness class 5A



Sash dimension up to 1.700 × 3.000 mm (W x H)



Impact resistance class 5



Sash weight up to 400 kg



U_D-value 1,4 – 1,8 W/m²K

Design examples



More Sälzer
security doors



Architectural sections
available upon request