



## S2es-d Aluminium door

### Maximum Security in Aluminium

The S2es-d aluminium door is designed for applications with the highest security requirements, providing maximum protection against burglary, ballistic attacks and explosions. It withstands attempted break-ins using high-performance power tools such as angle grinders or jigsaws, meeting the demands up to resistance class RC5.

In addition, the system offers certified ballistic resistance up to FB7-NS and tested blast mitigation, even with significant explosive loads. Even in fully glazed designs, a high degree of resistance is maintained. The construction combines these performance values with clear design, high functionality and a long-lasting, low-maintenance finish.



# S2es-d aluminium door

## Highlights

- Highest security classifications: Burglar resistance up to RC5, ballistic resistance up to FB7-NS and certified blast mitigation according to international standards.
- Proven system performance: Resists even severe attacks with power tools – also in large-area glazed door versions.
- Technical and architectural quality: Slim aluminium construction with various design options, high functional safety and designed for long-lasting use in security-critical areas.

## 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<sub>a</sub> S<sub>200</sub>  
Smoke protection DIN EN 1643-1

## Properties



Air permeability class 4



Wind load resistance class C5



Sound insulation up to R<sub>w</sub> 43 dB



Mechanical durability class 6



Water tightness class 5A



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



Impact resistance class 5



Sash weight up to 800 kg



U<sub>D</sub>-value 1,5 – 1,8 W/m²K

## Design examples



More Sälzer  
security doors



Architectural sections  
available upon request