



S4 Steel sheet door

Maximum security, versatile in use

The S4 steel sheet door is the highest-performing solution in the Sälzer security door range. The door leaf, frame and hardware components are exceptionally robust, durable and designed for reliable continuous use. Thanks to the use of hardened special steel, the weight is reduced by up to three times, making it possible to realise large door leaves while maintaining outstanding stability and a shallow construction depth.

In addition, the S4 steel sheet door delivers outstanding combined protection against forced entry, ballistic attack and explosions. It also withstands the effects of accidents or operational incidents with great reliability, for example in the petrochemical industry. Depending on configuration and application, fire and smoke protection can also be integrated.



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Highlights

- Combined security for demanding environments: Burglar resistance up to RC5, bullet resistance up to FB7-NS, and exceptionally high blast resistance make the S4 steel sheet door a true all-rounder for the most demanding combined security requirements.
- Reliable long-term performance with smooth operation: The highly durable door leaf, frame and hardware components ensure dependable long-term use while delivering smooth and effortless operation — even with large door dimensions.
- Functional versatility with an attractive design: The S4 steel sheet door can be ideally clad with a wide range of materials, allowing it to blend seamlessly into virtually any surface or architectural design.

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 50 dB



Mechanical durability C5



Water tightness class 7A



Sash dimension up to 2.000 × 3.000 mm (W x H)



Impact resistance class 5



Sash weight up to 800 kg



U_D-value 2,2 W/m²K

Design examples



More Sälzer
security doors



Architectural sections
available upon request