



# OXIR® Security Grille

## OXIR® Security Grille – Certified Protection for High-Security Applications

The OXIR® security grille is specifically developed for applications with increased security requirements and provides reliable bilateral protection against breakout and rescue attempts – for example, in police stations, correctional facilities, forensic clinics, industrial plants and data centres. It is independently tested and certified to resistance class RC4 under DIN EN 1627-1630 and to class B by the VdS association. The use of OXIR® is also recommended by the Police Crime Prevention Commission (KPK).

For securing light and ventilation openings, the OXIR® grille offers a solution-oriented combination of reliable physical protection, flexible configuration options and certified protection against tampering and forced entry.



# OXIR® Security Grille

## Highlights

- Certified all-round protection: Bilateral testing to RC4 (DIN EN 1627-1630) and VdS-B – recommended and tested by recognised authorities.
- Tamper- and break-in resistant: Two-part, inseparable frame system made of saw-resistant steel with concealed special steel inserts – cannot be dismantled.
- Versatile and high-quality: Customisable in size, material and finish; various bar arrangements, installation within or in front of the reveal, optional alarm wire and decorative elements, and formats up to 10 square metres.

## 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 N/A



Wind load resistance class N/A



Sound insulation up to R<sub>w</sub> N/A



Mechanical durability class N/A



Water tightness class N/A



External dimension up to 4.000 × 3.000 mm (W x H)



Impact resistance class N/A



Weight up to N/A



U-value N/A



More Sälzer  
grills & blades



Architectural sections  
available upon request