



SOKALTHERM® forensic/custody window

A proprietary SOMMER profile system

The burglar-resistant, suicide-resistant SOKALTHERM® forensic and custody window of aluminium with multi-level security locking system, solidly reinforced outer and inner shell, minimised gap dimensions, concealed fittings and bullet-resistant glass (P5A - ISO or penetration-resistant up to P7B- ISO) guarantee a high level of security even without a grille. The windows are optionally available with swing protection. The special profiles developed in-house are characterised by high stability and torsional rigidity.

Highlights

- Intrusion and escape resistance to RC4 per EN 1627 - 1630 from the room side
- Intrusion and escape resistance to RC3 per EN 1627 - 1630
- Impact resistant (I5/E5) per EN 14019
- Swing protection
- Air permeability to Class AE 900 per EN 12152
- Impact rainproof to Class RE 900 per EN 12154
- Resistance to gusts (+ 2000/- 2200 Pa) per EN 13116

SOKALTHERM® forensic/custody window | Technical data



DESCRIPTION

The burglar-resistant, suicide-resistant, tamper-proof SOKALTHERM® forensic and custody window of aluminium with multi-level security locking system, solidly reinforced outer and inner shell, minimised gap dimensions, concealed fittings and bullet-resistant glass (P5A - ISO or penetration-resistant up to P7B- ISO) guarantee a high level of security even without a grille. The windows are optionally available with swing protection. The special profiles developed in-house are characterised by high stability and torsional rigidity.

MODELS

- Ventilation wing – maintenance



- Ventilation wing – fixed panel – maintenance wing



- Fixed panel – maintenance



- Multiple fixed panels



REQUIREMENTS

- Standard: Intrusion and escape resistance to RC3 on both sides per EN 1627 - 1630
- Special solution: Intrusion resistance to RC5
- Air permeability to Class AE₉₀₀ per EN 12152
- Impact rainproof to Class RE₉₀₀ per EN 12154
- Resistance to gusts (+ 2000/- 2200 Pa) per EN 13116
- Impact resistant (I5/E5) per EN 14019

SIZE RANGE

- Wing: depends on weight of glass (to max. 180 kg)
- Ventilation wing: 120 mm clear opening

OPTIONAL EQUIPMENT

- Sunshades
- Glass breakage detector
- Ventilation wing
- Ventilation wing with swing protection and wing monitoring
- Protected operating elements
- Forensic fittings
- Monitoring contacts
- Multiple circuit closing system
- Polycarbonate glazing combinations
- Wing weight to 300 kg