



SOKALTHERM[®] aluminium windows

A proprietary SOMMER profile system

The SOKALTHERM[®] system of thermally separated aluminium profiles is suitable for façade constructions as well as for window and door constructions. The special proprietary profiles are highly stable and torsionally stiff, and enable individual profile geometries.

Highlights

- Intrusion resistance to RC5 per EN 1627
- Ballistic resistance to FB7 NS per EN 1522
- Pressure wave resistance per EN 13123
- Modular heat protection (U value depends on profile geometry) and infill
- All requirements can be combined
- High noise protection (depending on the design)

SOKALTHERM® aluminium windows

Technical data



DESCRIPTION

The Sokaltherm® system of thermally separated aluminium profiles is for window and door constructions. The special proprietary profiles are highly stable and torsionally stiff, and allow individual designs. They can be integrated into existing systems.

MODELS

▪ Turn and tilt



▪ Turn



▪ Tilt



▪ Fold out



▪ Turn/turn and tilt



▪ Multiple-piece



REQUIREMENTS

- Intrusion resistance to RC5 per EN 1627
- Ballistic resistance to FB7 NS per EN 1522
- Pressure wave resistance per EN 13123
- Noise protection (depending on the design)
- Heat protection (depending on the profile geometry and infill)

SIZE RANGE

Depends on the building and the desired properties, per static requirements

OPTIONAL EQUIPMENT

- 1- or 2-wing swinging doors
- Sunshades
- Glass breakage detector
- Access monitoring
- Control for doors and windows
- Ventilation flaps/grilles
- Opening and closing monitoring
- Radar attenuation
- High recycling rate