



SOKALTHERM[®] facade system

Element facade

The SOKALTHERM[®] facade system of thermally separated aluminium profiles is suitable for insert windows and doors. The special proprietary profiles are highly stable and torsionally stiff, and allow individual designs.

Highlights

- Intrusion resistance to RC5 per EN 1627
- Ballistic resistance to FB7 NS per EN 1522
- Pressure wave resistance per EN 13123, GSA or building requirement
- High heat protection (Uf value depends on the profile geometry and infill)
- High noise protection (depending on the design)
- Meets high static requirements with low profile depth
- Materials used meet sustainability requirements in accordance with LEED or DGNB standards, for example
- All requirements can be combined

SOKALTHERM® facade system

Technical data



DESCRIPTION

The SOKALTHERM® system of thermally separated aluminium profiles is suitable for insert windows and doors. The special proprietary profiles are highly stable and torsionally stiff, and allow individual designs. They can be integrated into existing systems.

MODELS

- As balustrade element
- As floor-to-ceiling facade
- Cross-floor (element facade)
- As insulated facade (with openable elements)
- Also in angled or bay window versions with secured floor and roof (with openable elements)
- With interior/exterior compartment wall connections and passages without security constraints
- Attack-side safety passages

SIZE RANGES

Depends on the building, per static requirements

REQUIREMENTS

- Intrusion resistance to RC5 per EN 1627
- Ballistic resistance to FB7 per EN 1522
- Pressure wave resistance per EN 13123, GSA or building requirement
- Noise protection (depending on the design)
- Heat protection (depending on the design)

OPTIONAL EQUIPMENT

- 1- or 2-leaf opening elements
- Sunshades
- Glass breakage detector
- Access monitoring
- Control for doors and windows
- Ventilation flaps/grilles
- Opening and closing monitoring
- Radar attenuation
- PV modules
- High recycling rate