

Sliding Door Systems

ASSA ABLOY SL Thermo+

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world



Superior Thermal Insulation and Security

The ASSA ABLOY SL Thermo+ is a state-of-the-art thermally separated automatic sliding door system designed to create an effective thermal barrier, reducing energy bills and air-conditioning costs.

With a fully thermally separated profile from the fascia to the floor rail, it offers superior insulation and can withstand extreme weather conditions, including hurricane-force winds and heavy rain, while also providing excellent noise reduction.

Ideal for energy-saving applications in storefronts, care homes, hospitals, schools, offices, and public buildings, the ASSA ABLOY SL Thermo+ also offers robust burglar resistance, making it suitable for high-value premises and emergency and escape routes.

Additionally, the ASSA ABLOY SL Thermo+ features a modular construction system, allowing it to be tailored to the specific needs of your building, providing flexibility and customization to meet various architectural requirements.

Benefits

Heat transmission coefficient (UD-value)

When it needs to minimize heat loss – features an exceptionally low heat transmission coefficient of 1.1 W/m²K (UD-value), reducing energy costs.

Air permeability

When it needs to control air flow through and around the opening – maintains a pleasant indoor climate regardless of external conditions.

Withstands high winds

When it needs to withstand heavy wind loads – remains safe even in hurricane-force winds up to 110 km/h.

Resistance to driving rain

When it needs to stay dry – provides outstanding watertightness, tested up to 600 Pa (110 km/h), thanks to an intelligent sealing system.

Airborne sound reduction

When it needs to be silent – reduces sound by 35 dB, significantly contributing to a quieter and more comfortable indoor environment.

Certified security EN 1627 – burglary resistance

When security matters – offers robust security in a burglary-resistant version up to RC 3. Enhancing security without compromising on design.



Find out more



See how ASSA ABLOY SL Thermo+ can keep your entrance tight against water and rain.

Key Features

Configurations

- Single or double-sided linear sliding door systems
- Single or double telescopic sliding door systems
- 150 mm or 200 mm drive height
- Profile 38 mm installation depth
- Different floor rails to accommodate the different installation needs e.g. with drainage system

Options

- Multiple locking devices available to meet security level needs e.g. multipoint locking device or carrier lock
- EN 1627 burglary resistance: RC 2 and RC 3
- Acoustic glass for sound reduction up to 35 dB
- Side lights e.g. swing or slideable to accommodate safety at trailing edge
- Triple glazed glass provides lowest heat transmission coefficient (UD-value)

Application

- Exterior and interior doors
- Demanding applications where superior UD-value and product properties are key
- Noisy environments requiring sound mitigation
- Applicable for escape routes

Advantages

- Effective thermal barrier from fascia to bottom
- Significantly reduces air draft with intelligent sealing system at leading and trailing edge
- Best in class energy savings with triple glazing
- Reduction of sound level by 35 dB to provide pleasant indoor atmosphere
- Particularly stable door leaf construction avoids bi-metal-effect
- Easy to maintain and service with standard drive mechanisms
- Digitally networked, self-monitoring electronic components with sanity check
- Maximum operational safety
- Available as a redundant version for escape (EN 16005 / DIN 18650 / AutSchR)
- Floor rails comply with directives for people with special needs

Proven and tested sliding door system by ift Rosenheim





Operator type

SL Thermo+

Clear opening width (mm)
Clear opening height (mm)

Control Module	Operator height	Application	Bi-parting	Single-leaf	Telescope, Bi-parting	Telescope, Single-leaf
Ctrl. Module (standard)	150 mm	Standard	2x120 kg	1x150 kg	4x80 kg	2x90 kg
	200 mm	Standard	2x120 kg	1x200 kg	4x80 kg	2x130 kg
	150 mm	EN16005 / DIN 18650 (AutSchR)	2x150 kg	1x150 kg	4x90 kg	2x120 kg
	200 mm		2x150 kg	1x200 kg	4x90 kg	2x130 kg
	200 mm		2x200 kg	1x250 kg	4x130 kg	2x170 kg
	150 mm	CO48	2x90 kg	1x150 kg	4x35 kg	2x75 kg
	200 mm	CO48	2x120 kg	1x200 kg	4x80 kg	2x130 kg
			800 - 3 000	800 - 2 500	1 500 - 4 000	1 000 - 3 000
			3 000		3 000	

This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!