

Sliding Door ASSA ABLOY SL500

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world

Superior Performance
Unmatched Adaptability



Smooth, impressive, and reliable

The ASSA ABLOY SL500 sliding door provides superior performance and innovative solutions that can be trusted in even the most demanding environments. Sleek styling, technological advancements and a comprehensive line make the ASSA ABLOY SL500 ideal for any architectural project.



From hospital entrances to retail applications, the smooth, quiet operation and flexible platform make the ASSA ABLOY SL500 ideal for any application. Thanks to its slim header, this door fits seamlessly into even the most demanding architectural scheme.

As structures become increasingly energy efficient, the ASSA ABLOY SL500 features a number of sustainable features and enhanced options to help minimize power usage and reduce air infiltration, providing you significant savings in reduced energy costs.

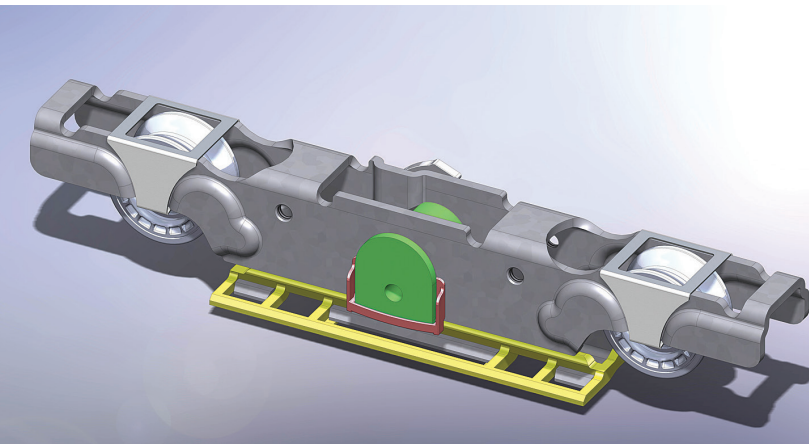


This powerful sliding door system is engineered for high traffic flow environments and provides 20% faster opening speeds. When reliability and rugged performance are required, the ASSA ABLOY SL500 delivers one of the strongest doors on the market today.

The ASSA ABLOY SL500 provides attractive, convenient and practical solutions for door automation at any facility, with a variety of options and configurations.

Rugged design for unparalleled reliability

The ASSA ABLOY SL500 utilizes heavy-duty anti-risers for improved stability, which results in smoother performance and less risk of “jumping” off track. Other systems utilize small anti-riser wheels, measuring ½” – 1” wide with only a single point of contact. ASSA ABLOY SL500 utilizes a revolutionary 4” long anti-riser, providing multiple points of contact and better protection against derailment.



ASSA ABLOY SL500's heavy-duty anti-risers deliver improved stability, smoother performance and reduced risk of derailment.



The ASSA ABLOY SL500 is provided with a powerful motor which provides fast opening speed and electronic dampening and braking.

Dual tandem carriage wheels are offered as standard equipment to provide superior stability and smoother performance. The electronic dampening feature cushions the opening and closing forces while the braking system reduces drive train wear to prolong operator life. Components are designed for fast replacement, to help speed the maintenance process and get your door up and running as quickly as possible.

Attribute	ASSA ABLOY SL500	Others
MAX. WEIGHT OF DOOR	300 LBS (PANIC)	150-220 LBS (PANIC)
LARGER ANTI-RISERS TO PREVENT DOOR DERAILMENT	●	
DUAL CARRIAGE WHEELS STANDARD FOR INCREASED STABILITY AND PERFORMANCE	●	
ECODOOR OPTIONS FOR REDUCED AIR INFILTRATION	OPTIONAL	
HEAVY DUTY DOOR OPTIONS FOR INCREASED DOOR STRENGTH	OPTIONAL	
AUTOMATICALLY MEASURES INERTIA AND WEIGHT OF DOOR DURING SET-UP	●	



Exceptional aesthetics, strength and serviceability

Superior Aesthetics

The ASSA ABLOY SL500 offers a shallow header design suitable for either 4.5" (114mm) or 6" (152mm) depth framing. The header sits between the frame, both inside and outside the storefront curtain wall, providing an attractive flush mount appearance for seamless integration with the building design.

- Sleek header provides minimum gaps
- Unique secure attachment of header end plate to jamb eliminates unsightly gaps

Maximum Strength

Featuring a fast and powerful drive train, the ASSA ABLOY SL500 comes with a one-piece structural header that is capable of spanning a 16' opening without the need for overhead support.

- Door weight up to 300 lbs (136 kg) panic doors for pedestrian applications
- Door weight up to 450 lbs (205 kg) non-panic doors for industrial applications
- Robust structural header allows support of door weight with less material

Ease of Serviceability

The ASSA ABLOY SL500 offers more than just great design and solid performance. The system was created for ease of serviceability to minimize downtime and maximize your investment over the entire product life cycle. ASSA ABLOY Entrance Systems also offers comprehensive Pro-Active Care service agreements to keep your equipment functioning at top levels at all times.

SUPERIOR AESTHETICS

Sleek tapered header design
Flush mount to interior
and exterior
Seamless integration

RUGGED DESIGN

4" Anti-riser derailment guides
Dual tandem carriage wheels

SERVICEABILITY

Removable header cover
Fail safe sensor monitoring

MAXIMUM STRENGTH

300 lbs (136 kg) pedestrian
applications

Opens 20% faster

ENERGY EFFICIENT

Separate time delays for sensors
and key access.

Energy-saving EcoDoor upgrades
available

U-factor glass option

Versatile configurations to meet every need

The ASSA ABLOY SL500 is available in a variety of configurations, sizes and finishes to suit the requirements of any project. Consult with an ASSA ABLOY Entrance Systems automatic door specialist to determine the best equipment, configuration, and layout to help you achieve code compliance, maximize energy efficiency and optimize traffic flow.



Standard

The ASSA ABLOY SL500 standard package transforms your sliding doors with a signature combination of rugged performance, beautiful aesthetics, and innovative features. Available in overhead concealed or surface mount configurations to meet the requirements of a variety of construction projects, the ASSA ABLOY SL500 provides an entrance with uncompromised convenience and complete accessibility.



Forced Entry

The ASSA ABLOY SL500 Forced Entry Resistant automatic sliding door provides an array of features that help secure your place of business against outside forces. Equipped with full impact glass to stay in place along with a Forced Entry Resistance rating of Grade 25 and availability in a variety of frame widths and heights, the ASSA ABLOY SL500 Forced Entry Resistant sliding door is the perfect choice for locations where high level protection and durability is needed.



Telescopic

When you need more room in the tightest of spots, the ASSA ABLOY SL500 Telescopic is the ultimate choice. Combining the benefits of improved clear door opening with ASSA ABLOY SL500 Telescopic's breakthrough design, this door provides unparalleled performance.



All Glass Slider

Let your imagination soar to create an entrance of great distinction, elegance and grandeur with an all glass sliding door. Available in single slide or bi-part with an array of widths and sizes, the ASSA ABLOY SL500 CGL is adaptable and flexible for your unique door opening and needs.



Hurricane Resistant

Hurricane rated for superior strength, the ASSA ABLOY Resilience offers hurricane resistant sliding door products with Miami Dade and State of Florida product approvals for all counties. These unique sliding doors not only perform, they have the attractive appearance of a standard door package.



Clean Room

Automatic doors provide a useful function in clean room environments, increasing productivity and improving safety of transporting delicate and expensive equipment. The ASSA ABLOY SL500 Clean Room sliding door package separates work process areas and provides convenience, reliability and protection for new construction or existing environments.

Energy efficient design and technology

The ASSA ABLOY SL500 EcoDoor features a host of sustainable features and options, which reduce air infiltration and minimize power usage to provide more efficient performance, increased energy savings, and energy cost reductions. These features are available on new construction and modernization kits, which can be retrofitted onto existing ASSA ABLOY sliding doors. ASSA ABLOY SL500 EcoDoor options provide an impressive array of features, which offer the highest level of energy efficiency.

- EcoDoor seals which reduce air infiltration up to 40% over standard sliding door packages
- Magnetic catches
- Hydraulic closers that relatch doors after break-out
- Separate time delays for devices that may require differing hold open times
- Clean lines and tight construction to eliminate gaps and reduce air infiltration
- Low energy consumption

Energy Calculator

Whether it's saving on energy costs, reducing CO2 emissions or just improving indoor comfort by reducing drafts, we can create the automatic entrance solution that's right for you and the environment. With access to professional tools that take relevant factors such as your local climate, energy sources, size of the entrance, and people and goods flow into account, our energy calculator can give you an estimate on your emissions and cost savings depending on your preferred entrance solution. Contact us today at specdesk.na.entrance@assaabloy.com to find out how much you can save by choosing one of our automated entrances.

ASSA ABLOY SL500 EcoDoor supports LEED initiatives



The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings. The ASSA ABLOY SL500 EcoDoor contributes to key areas of human and environmental health that are promoted by LEED including energy and atmosphere, materials and resources, indoor environmental quality, and innovation in design.

ASSA ABLOY SL500 EcoDoor helps Earth Rangers meet sustainability goals

Earth Rangers envisions a world in which everyone is working to protect biodiversity. The Earth Rangers Centre in Toronto, Canada is a place where children can learn about our environment, our ecosystem and how their behaviors can help protect life on earth. In keeping with this vision, the Earth Rangers facility is designed to be extraordinarily efficient. The building is double LEED certified – Gold and Platinum - and is the highest rated LEED facility in all of Canada.

The Earth Rangers team worked closely with ASSA ABLOY to source doors that contribute towards an environmentally conscious structure. The ASSA ABLOY SL500 EcoDoor was installed in their front entrance to save energy and improve the comfort of the reception area.

Earth Rangers completed a thermal scan on the building after the installation of the ASSA ABLOY SL500 EcoDoor. The improved temperatures on the door surfaces were

immediately evident, with almost zero leakage around the seals. The ASSA ABLOY SL500 EcoDoor helped ensure that the Earth Rangers Centre does not waste heat while increasing convenience and improving the thermal comfort of both employees and visitors.



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people to experience a more open world.

ASSA ABLOY
Entrance Systems

ASSA ABLOY Entrance Systems provides solutions for efficient and safe flow of goods and people. Our offering includes a wide range of automated pedestrian, industrial, and residential doors, loading dock equipment and services.

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ASSA ABLOY Entrance Systems

info-automatic.na.entrance@assaabloy.com
assaabloyentrance.us • assaabloyentrance.ca

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