

# ASSA ABLOY Entrance Systems Sliding Door Collection

■ SL500

■ SL500 EcoDoor

■ SL500 R92 Wind Load

■ SL500 Telescopic

■ SL500 T67

■ SL500 CGL All Glass

■ SL500 Clean Room

■ SL500 Resilience R104

■ SL500 Resilience 128

■ SL500 Forced Entry FE

**ASSA ABLOY**  
Entrance Systems

Experience a safer  
and more open world

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# One partner for all your entrance needs

## *Products for today and the future*

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Automatic doors welcome visitors, guide traffic, and help create touchless access. With our range of sliding, swing, ICU and revolving doors, we offer many ways to provide convenience, secure entrances and meet accessibility standards.

## *Local Service*

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Our fast and convenient service is supported by highly-trained professional technicians who offer extensive knowledge and expertise.

## *Architectural & specifications services*

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From planning and design to construction and delivery, ASSA ABLOY Entrance Systems supports you in meeting the requirements of your project.

# Sliding Door ASSA ABLOY SL500

## 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.

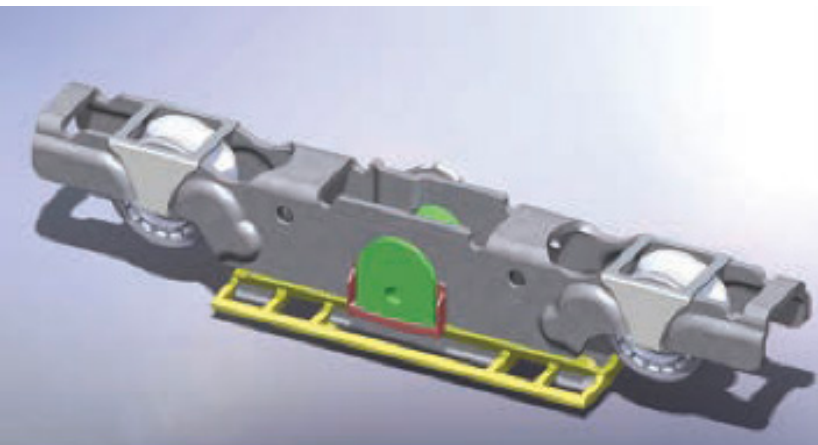
This powerful sliding door system is engineered for high traffic flow environments and provides 20% faster opening speeds. When reliability and rugged performance are required, the ASSA ABLOY SL500 delivers one of the strongest doors on the market today.

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

The ASSA ABLOY SL500 is available with various features and options to meet your needs.



## 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

Next generation technology  
Paint means no more  
color fading  
Stainless steel interior

## BLISSFUL DESIGN

47" wide doors, 68" high full height  
Dual random configurations  
White or

## SERVICEABILITY

Removable door seals  
Full back support monitoring

## MAXIMUM STRENGTH

200 lbs. 100 kg per door in  
open position

Optional 20V motor

## ENERGY EFFICIENT

Requires no fan or bellows for air  
sealing or noise

Energy saving EcoDoor upgrade  
available

UL listed 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 CO<sub>2</sub> 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](mailto: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.

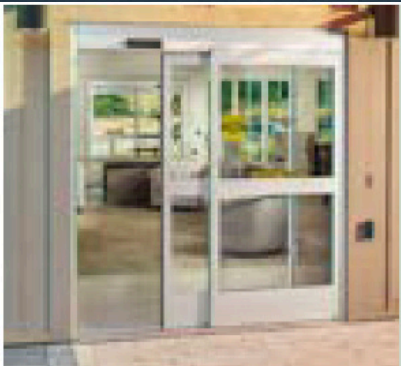
# Sliding Door ASSA ABLOY SL500 EcoDoor

## Automatic Sliding Door Solutions For Sustainable Buildings

Entrance automation is the first step to managing excessive energy usage. ASSA ABLOY Entrance Systems intelligent products provide a range of options to help minimize energy loss, improve indoor air quality, increase daylight, control air circulation, and optimize the overall energy performance of any building.

The ASSA ABLOY SL500 EcoDoor is available with a variety of configurations and features to help you meet your sustainability goals. Whether air infiltration reduction, energy consumption savings, improved customer comfort or compliance with energy codes such as ASHRAE 90.1, there's a ASSA ABLOY SL500 EcoDoor configuration to suit your needs.

Consult the architectural SpecDesk at 1-877-SPEC-123, [specdesk.na.entrance@assaabloy.com](mailto:specdesk.na.entrance@assaabloy.com) to discuss your project needs and receive your customized energy analysis.



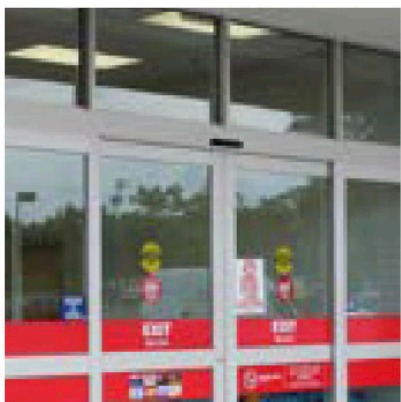
### Magnetic Catches

A small bump from a shopping cart, luggage trolley or a pedestrian can cause an automatic door to slightly come off typical ball catches leaving the door open and non-operational. Keep your doors operational and tightly weather sealed with ASSA ABLOY magnetic catches which relatch doors under this condition. Available for new equipment and retrofit onto existing ASSA ABLOY equipment.



### Hydraulic Closers

Hydraulic closers are an outstanding way to keep your new ASSA ABLOY sliding door equipment latched, operational and weather tight. Concealed hydraulic closers are offered with ASSA ABLOY magnetic catches. Together, they bring a broken out door back closed from any position after breakout, putting your door back in operation automatically. This provides tremendous convenience while allowing you to maintain a weather tight seal that saves you money in heating and cooling costs.



### LEED Certification Contribution

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. LEED promotes a whole-building approach to sustainability by recognizing performance in seven key areas of human and environmental health.

ASSA ABLOY Entrance Systems can help to achieve prerequisites and accumulate points and credit areas of LEED. For further information, please refer to our website: [www.assaabloyentrance.us/sustainability](http://www.assaabloyentrance.us/sustainability).



## Meeting Your Sustainability Requirements

Proper feature selection can make a tremendous difference in the sustainability performance of your ASSA ABLOY automatic sliding door. The ASSA ABLOY SL500 EcoDoor automatic sliding door can be equipped with a variety of features to radically reduce air infiltration in your facility and reduce energy costs.



## U-factor Package

The ASSA ABLOY SL500 EcoDoor U-factor package is equipped with EcoDoor seals and U-factor rated glass; independently tested to ASHRAE 90.1 to provide you with the most energy efficient sliding door available. Request a customized energy analysis to see the demonstrable savings you can achieve with EcoDoor Seals and U-factor glass.



## Customized Energy Calculations

Consult your local representative for your customized energy savings analysis and see the savings you can achieve with an ASSA ABLOY EcoDoor package. Whether your goal is to lower energy costs, reduce CO2 emissions or improve indoor comfort by reducing drafts and air infiltration, the ASSA ABLOY SL500 EcoDoor can help you achieve your sustainability requirements.



## EcoDoor Seals & EcoMode

Significantly reduce air infiltration and energy costs with ASSA ABLOY EcoDoor seals. The unobtrusive seals are mounted on all door leafs and available on your new equipment or to retrofit onto your existing ASSA ABLOY doors. Request your customized energy analysis to see the demonstrable savings you can achieve with ASSA ABLOY EcoDoor Seals.

Utilize the ASSA ABLOY EcoMode to reduce the sliding door opening, allowing less infiltration of air to control heating and cooling costs. With ASSA ABLOY's auto-width intelligence, your opening width will adjust automatically when traffic increases and reduce to partial opening when traffic subsides.

# *Sliding Door* **ASSA ABLOY SL500 R92 Windload**

## Built with wind in mind

The ASSA ABLOY R92 Windload features a durable functionality & sleek aesthetics that provides defense against wind pressures up to 55 psf when door is closed and locked. Designed to accommodate a range of sizes, the SL500 R92 Windload can accommodate spaces up to 96" wide for single slide, 192" wide for bi-part and 92" high. With a wide variety of features and options, the SL500 R92 Windload is the ultimate choice for any high-traffic environment where wind protection is needed.





# Features & Options

The ASSA ABLOY SL500 R92 Windload is available with a wide variety of features and options to meet your needs.



## **Attractive Lock Bodies/Single Point of Release**

The SL500 R92 features attractive lock bodies and allows for a single point of release per operable panel that complies with NFPA 101 Life Safety Code.

## **Narrow Stile**

The SL500 R92 protects against winds while maintaining clear modern site lines with the attractive appearance of narrow stiles.

## **Recessed Threshold**

The full-length recessed threshold option is available for applications where maintaining an even floor through a door opening is critical for aesthetics and convenience.

## **High-strength Interlocks**

High-strength steel interlocks secure the sidelite when doors are locked while maintaining a high-end aesthetic appearance.

## **Panic Device**

An optional surface mounted panic device is available to comply with NFPA 101 emergency egress requirements

## **Muntins**

The SL500 R92 can be outfitted with 1-3/4" or 4" true divided muntins.

## **U-Value**

The SL500 R92 paired with insulated glass allows you to maintain indoor temperature when the door is closed, meaning maximum comfort as well as energy savings.

- Non-impact configurations
- Forced Entry Resistance rating of Grade 10
- ¼", 9/16" and 1" glass stops
- Dry- Glazing system
- AAMA 1304 & ASTM F482
- ASTM E283 for air leakage rate below 1.0 CFM/square foot with Eco-Seal option

# Sliding Door ASSA ABLOY SL500 Telescopic

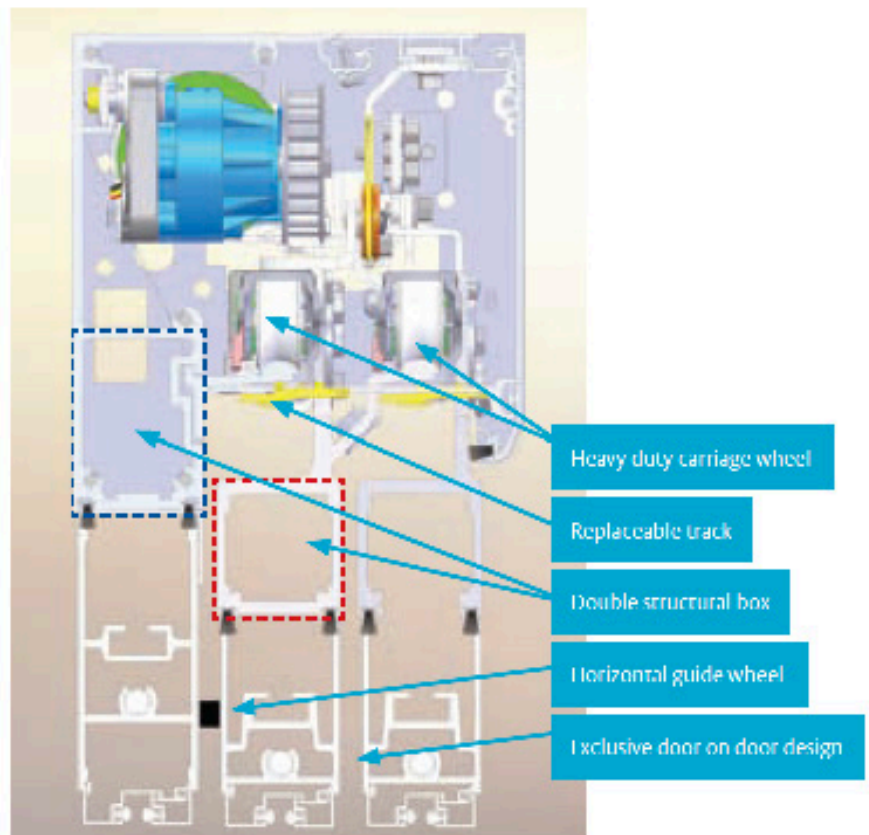
## Experience unparalleled telescopic performance

At last, a breakthrough in telescopic sliding door technology. The ASSA ABLOY SL500 Telescopic takes the benefit of clear, spacious door opening further by providing stellar and unparalleled performance.

Telescopic doors offer a welcome benefit in the tightest of spaces. By incorporating an additional sliding door active leaf, the packages allow you to almost double your opening.

## ASSA ABLOY SL500 Telescopic System

The ASSA ABLOY SL500 Telescopic sets a new standard in telescopic performance by providing superior support and stability. By utilizing ASSA ABLOY's exclusive "door on door" technology, the our design eliminates inferior suspended track systems. Using two structural boxes instead of one, our design eliminates sagging and misaligned doors that bounce and rattle.



## Engineered to maximize your space

When you need to carve out a little extra room, the SL500 Telescopic sliding door is the ideal choice for you. From overhead concealed and surface mounted packages, single slide and bi-part with sizes that range from a minimum of 72" wide to 192" wide, the SL500 Telescopic offers a perfect complement for all your design choices.

### ASSA ABLOY SL500 Telescopic Features

- Exclusive "door on door" design
- Improved performance
- Opens 20% faster
- Double structural box for strength
- Energy-saving EcoDoor upgrades available
- 33% great clear door opening
- Stabilizing carrier technology
- Low energy consumption
- Simple to install and maintain





# Sliding Door

## ASSA ABLOY SL500 T67

### Transforming the traditional manual swing door entrance

Automatic doors create a welcoming entrance for any facility, ensuring a smooth traffic flow and convenient, hands-free access. Many retailers, offices and establishments specifically design their building exteriors to accommodate door automation and create ease for customers.

Until now, the average pair of 3'0" x 7'0" manual swing doors could be challenging to navigate due to the limited 32" (813mm) clear door opening, small foot print and cross traffic concerns. Enter the revolutionary ASSA ABLOY SL500 T67 telescopic sliding door. Specifically designed to fit the same door opening provided by a pair of 3'0" x 7'0" manual swing doors, only a minimum of 72" (1829mm) of overall frame width\* is required to transform your entryway with no less than 46" of usable door opening. Whether new construction or retrofit applications, look to ASSA ABLOY SL500 T67 to automate virtually any small entryway.



ASSA ABLOY SL500 T67 – Min/Max Dimensions

|                | Jambs<br>by others                | 1/4" jambs<br>OHC   | 1" jambs<br>OHC      | 1-3/4" jambs<br>OHC | 1" jambs<br>SA       |
|----------------|-----------------------------------|---------------------|----------------------|---------------------|----------------------|
| <b>Minimum</b> |                                   |                     |                      |                     |                      |
| OPW            | 72" package<br>width (1829mm)     | 72-1/2"<br>(1842mm) | 74"<br>(1880mm)      | 75-1/2"<br>(1918mm) | 74"<br>(1880mm)      |
| CDO            | 46-1/4"<br>(1175mm)               | 46-1/4"<br>(1175mm) | 46-1/4"<br>(1175mm)  | 46-1/4"<br>(1175mm) | 46-1/4"<br>(1175mm)  |
| <b>Maximum</b> |                                   |                     |                      |                     |                      |
| OPW            | 99-1/2" package<br>width (2527mm) | 100"<br>(2540mm)    | 101-1/2"<br>(2578mm) | 103"<br>(2616mm)    | 101-1/2"<br>(2578mm) |
| CDO            | 64-5/8"<br>(1641mm)               | 64-5/8"<br>(1641mm) | 64-5/8"<br>(1641mm)  | 64-5/8"<br>(1641mm) | 64-5/8"<br>(1641mm)  |

OPW = overall frame width CDO = clear door opening OHC = overhead concealed SA = surface mount

\*using existing door jambs

## Exceptional strength and performance

Compact space and expansive clear door opening isn't all you can expect from the ASSA ABLOY SL500 T67. With innovative, special enhancements, such as the exclusive "door on door" technology, the ASSA ABLOY SL500 T67 improves on inferior suspended track systems. Using two structural boxes instead of one, ASSA ABLOY eliminates misaligned doors that bounce and rattle, providing you with improved performance.



A flush exterior lock cylinder with concealed security armor and a lock bolt guard allows the door panels to open completely... simultaneously maximizing your space and protecting you from break-ins.



Horizontally mounted rollers keep proper distance between door panels to reduce wear and rubbing.

## Superior energy efficiency

The ASSA ABLOY SL500 T67 telescopic sliding door is designed with innovative energy efficient features to help provide cost saving benefits, including advanced seals, insulated glass and magnetic catches. The unit comes standard with ASSA ABLOY EcoDoor seals for superior energy savings, reducing air infiltration by as much as 40% and providing ASHRAE 90.1 compliance. Insulated 1 ¼" insulated glass also helps to provide temperature control and additional energy savings.

## ASSA ABLOY SL500 T67 advantages

- Horizontally mounted rollers for reduced rubbing
- ASHRAE 90.1 compliance
- Requires only 72" of overall frame width
- Flush exterior lock cylinder to maximize door opening
- Overhead concealed or surface mount
- Full breakout



# Sliding Door ASSA ABLOY SL500 CGL

## Your stylish entryway awaits

When you're looking to create a captivating and inviting entryway, look to the ASSA ABLOY SL500 CGL. The ASSA ABLOY SL500 CGL offers the same benefits as the powerful ASSA ABLOY SL500 standard sliding door, with the added benefits of an attractive all glass door.

Let your imagination soar to create an entrance of great distinction, elegance and grandeur. 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.

## Stunning aesthetics. Great performance.

The ASSA ABLOY SL500 CGL provides sleek styling with an unobstructed view to your entryway to create a spectacular facade. Enhance the aesthetics of your package by choosing between a painted or clad finish, or incorporate your corporate logo onto the glass via decal or etching.

The ASSA ABLOY SL500 CGL features the same powerful operator found in the standard ASSA ABLOY SL500 sliding door system. Its rugged design features 4" anti-riser derailment guides and dual tandem carriage wheels for superior performance. The dazzling aesthetics extend right up to the door header, with a sleek, tapered header design that sits flush mounted to both the interior and exterior for seamless integration.

**Choose the bottom rail that suits your needs and design requirements.**



## A range of features, crafted with you in mind

The ASSA ABLOY SL500 CGL features an array of energy savings features including a low energy consumption operator, separate time delays for sensors and key access, and optional magnetic catches to close and latch doors after small bumps cause an automatic sliding door to be open and non-operational.

The door system and package features the ease of service you have come to expect from ASSA ABLOY products. This includes inconspicuous bottom rail mechanical locks and a non-handed bottom foot guide - all adjustable without removing the door. Other serviceability features include a removable service cover, as well as fail safe sensor monitoring.

### ASSA ABLOY SL500 Features

- 4", 7" and 10" bottom rails
- UV stabilized polycarbonate extrusions securely house seals and prevent weather damage
- Magnetic catches available
- Beveled PSA arm for greater adjustability
- Low energy consumption
- Flush header design
- 4" anti-riser derailment guides
- Dual tandem carriage wheels for superior performance
- Removable service cover
- Fail safe sensor monitoring





# Sliding Door ASSA ABLOY SL500 Clean Room

## Precision Engineered for Clean Rooms

Automatic doors are an essential ingredient in a clean room environment. They separate space, provide privacy, improve access and allow for the safe transport of delicate and expensive products and equipment.

ASSA ABLOY Entrance Systems is pleased to offer the ASSA ABLOY SL500 Clean Room sliding door package. Built on the proven platform of the powerful ASSA ABLOY SL500 sliding door, it provides a reliable package that is tested and rated for use in ISO 3 (class 1) clean rooms.

## An Array of Features to Suit Your Needs

The ASSA ABLOY SL500 Clean Room slider is equipped with 45 degree sloped ¼" glass stops and non-shedding weather stripping. It features the powerful performance of the ASSA ABLOY SL500 operator, including 20% faster opening times, low energy consumption and tandem carriage wheels for improved stability and performance.

The ASSA ABLOY SL500 Clean Room package is suitable for both new construction and retrofit applications in overhead concealed and surface mount configurations. Whether single slide or bi-part, full breakout or fixed sidelite, the ASSA ABLOY SL500 Clean Room slider is adaptable and configurable to the unique needs of your requirements.





# Sliding Door ASSA ABLOY SL500 Resilience R104

## High PSF and so much more

Until now, building owners in hurricane zones needed to make a choice...an automatic door that could withstand high design pressures, or one that was available in oversize width or heights. With the introduction of the ASSA ABLOY SL500 Resilience R104 FBO, both criteria can be met, making it the definitive choice for hurricane-resistant automatic doors. The range of PSF hurricane ratings available with this product is only the beginning. The ASSA ABLOY SL500 Resilience R104 FBO offers both strength and an array of options to meet all your needs in specifying, installing and owning hurricane rated sliding doors. Available in overall frame widths of up to 16' for bi-parts, 9' for single slides and overall frame heights of 104", you get both strength and size.\* Coupled with an elevated ASTM F842-17 Forced Entry Resistance rating of Grade 25, the ASSA ABLOY SL500 Resilience R104 FBO provides higher security than ever.

## PSF Scales

### Single Slide Impact Level E

|              |         | Frame Width |    |    |    |    |     |     |     |
|--------------|---------|-------------|----|----|----|----|-----|-----|-----|
|              |         | 80          | 84 | 88 | 92 | 96 | 100 | 104 | 108 |
| Frame Height | 90-104" | 90          | 90 | 90 | 90 | 90 | 90  | 90  | 90  |

### Bi-Part Impact Level E

|              |         | Frame Width |     |     |     |
|--------------|---------|-------------|-----|-----|-----|
|              |         | 120         | 144 | 168 | 192 |
| Frame Height | 90-104" | 90          | 90  | 90  | 90  |

### Single Slide Impact Level D

|              |     | Frame Width |       |       |       |       |      |      |      |
|--------------|-----|-------------|-------|-------|-------|-------|------|------|------|
|              |     | 80          | 84    | 88    | 92    | 96    | 100  | 104  | 108  |
| Frame Height | 90  | 125         | 119   | 113.6 | 108.2 | 102.8 | 96   | 90.2 | 83.6 |
|              | 92  | 123.5       | 117.5 | 112.3 | 107.2 | 102.3 | 96.8 | 91.5 | 85.5 |
|              | 94  | 121.9       | 116   | 110.8 | 106   | 101.3 | 97.5 | 93.7 | 89.3 |
|              | 96  | 120.3       | 114.4 | 109.3 | 104.5 | 100.1 | 96.1 | 92.4 | 88   |
|              | 98  | 118.8       | 112.9 | 108   | 103.5 | 99    | 95   | 91.4 | 86   |
|              | 100 | 117.4       | 111.6 | 106.7 | 102.4 | 97.8  | 93.9 | 90.3 | 85   |
| Frame Height | 102 | 116.2       | 110.5 | 105.6 | 101   | 96.8  | 92.9 | 89.3 | 85   |
|              | 104 | 114.8       | 109   | 104.3 | 99.8  | 95.6  | 91.8 | 88.3 | 83   |

### Bi-Part Impact Level D

|              |     | Frame Width |       |      |      |
|--------------|-----|-------------|-------|------|------|
|              |     | 120         | 144   | 168  | 192  |
| Frame Height | 90  | 115         | 107.5 | 99.9 | 92.4 |
|              | 92  | 112.5       | 105.1 | 97.8 | 90.4 |
|              | 94  | 110.1       | 102.9 | 95.7 | 88.5 |
|              | 96  | 107.8       | 100.8 | 93.7 | 86.7 |
|              | 98  | 105.5       | 98.7  | 91.8 | 84.9 |
|              | 100 | 103.5       | 96.7  | 89   | 83.3 |
| Frame Height | 102 | 101.5       | 94.9  | 88.2 | 81.6 |
|              | 104 | 99.5        | 93    | 86.5 | 80   |

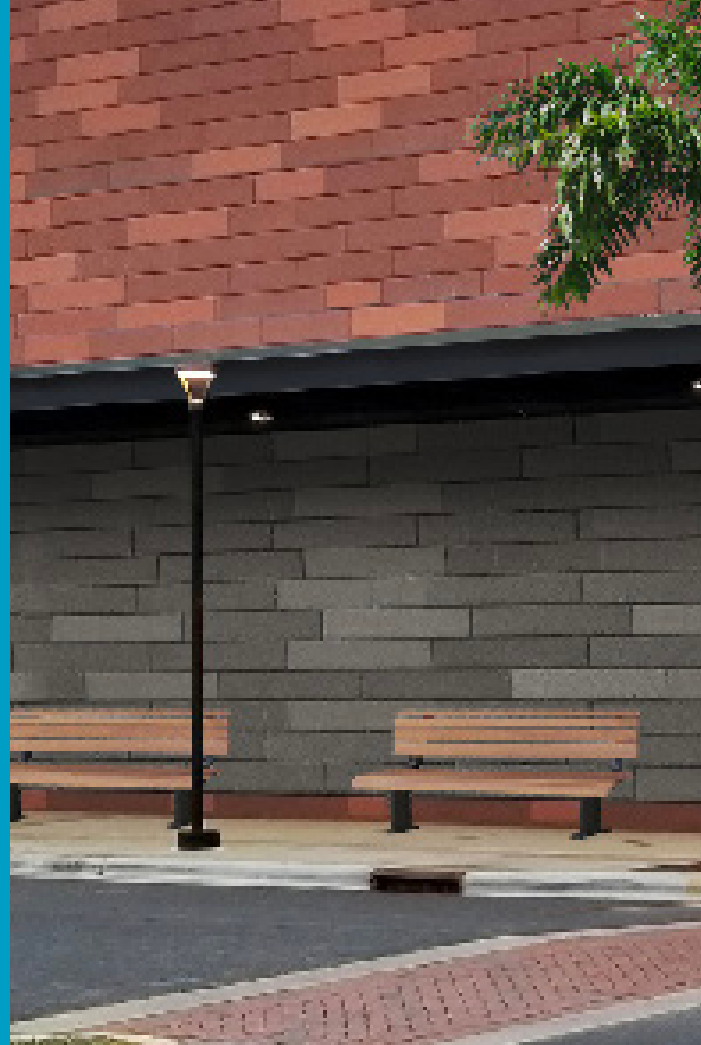
\*PSF rating varies from 80 to 125 based on height, width and impact level. Impact packages with an optional panic device are rated for 90 PSF. For more information on PSF ratings, consult our PSF size calculator on the product page at [assaabloyentrance.us](https://assaabloyentrance.us) or [assaabloyentrance.co](https://assaabloyentrance.co)





# Features & Options

The ASSA ABLOY Resilience R104 FBO is available with various features and options to meet your needs.



## Aesthetics & Function

### **Attractive Lock Bodies/Single Point of Release**

The R104 features attractive lock bodies and allows for a single point of release per operable panel that complies with NFPA 101 Life Safety Code.

### **Narrow Stile**

Don't sacrifice strength for aesthetics. The R104 performs in the most demanding conditions while maintaining clear modern site lines with the attractive appearance of narrow stiles.

### **Recessed Threshold**

The full length recessed threshold option is available for applications where maintaining an even floor through a door opening is critical for aesthetics and convenience.

### **Improved Interlocks**

New and improved high strength steel interlocks that secure the sidelite when doors are locked while maintaining a high-end aesthetic appearance.



## Customizable options to meet your needs

### Panic Device

The R104 has been tested for Level E Essential Facilities. An optional surface mounted panic device rated at 80 PSF is available on all impact levels to comply with NFPA 101 emergency egress requirements.



### Energy-efficient insulated glass and air infiltration

With optional Level D impact rated 1" insulated glass, there doesn't have to be a choice between protection and energy efficiency. Paired with TAS 202 testing for air leakage rate below 1.0 CFM per square foot per minute and a high-efficiency single motor drive system, the R104 is one of the most energy-efficient products in the market today.

### Muntins

The R104 can be outfitted with 1-3/4" or 4" true divided muntins or 1-3/4" or 4" surface applied muntins.

### Non-Impact

A high-performance non-impact product is also available at these same heights and widths. An impact-resistant shutter system is required for use in windborne debris system.

## Serviceability

### Dry Glazing

The Resilience R104 is designed for use with hurricane impact resistant glass and features a strong yet time saving dry-glazing system that allows glass to be replaced on-site without requiring the multi-week curing time of traditional wet glazing systems.

### Replaceable track

Replaceable track decreases service time if the track is worn and needs replacement and extends the life of the overall door package

### Modular Design

Allows ease of package refurbishment when near end of life cycle or after a damaging weather event, potentially reducing the need to replace the entire door package.







## Level D Impact

Level D, the standard impact level for high-velocity hurricane zones, is a large missile impact test rated at 50 feet per second. Level D is available in 9/16" and 1" insulated glass. It complies with NFPA 101 Life Safety Code.



## Level E Impact

Level E, is large missile impact test rated at 80 ft per second and is available in 9/16" glass. It is required under new code for essential facilities and complies with NFPA 101 Life Safety code.



## Security

The ASSA ABLOY Resilience R104 has a forced Entry Resistance rating of Grade 25. Coupled with high PSF ratings and optional security contacts, the R104 provides higher security than ever.

## Approvals/Code Compliances

AAMA 1304 & ASTM F482

TAS 202, ASTM E 330-97  
Static Air Pressure

TAS 202, ASTM E 283-99  
Air Filtration

TAS 201, ASTM E 1996-02  
Impact, Large Missile

TAS 203, ASTM E 1996  
Cyclical Test

**Florida Approvals:**  
• Impact/Non Impact Bi-Part  
and Single Slide - 30356

**Miami-Dade Approvals:**

| ASSA ABLOY<br>SL500 Resilience R104<br>Door Package |                      |                | Miami-Dade<br>Approval<br>Number |
|---|----------------------|----------------|----------------------------------|
| FBO   | Bi-Part/SingleSlide  | Impact Level D | NOA# 21-0324.07                  |
| FBO   | Bi-Part/Single Slide | Impact Level E | NOA# 21-0324.08                  |
| FBO   | Bi-Part/SingleSlide  | Non-Impact     | NOA# 21-0324.09                  |
| FSL   | Bi-Part/Single Slide | Impact Level D | NOA# 21-0324.10                  |
| FSL   | Bi-Part/SingleSlide  | Non-Impact     | NOA# 21-0324.11                  |



# Sliding Door ASSA ABLOY SL500 Resilience R128

## Engineered for size...engineered for strength

Designing a door opening is all about choices... the type of product, the finish, the width, the height. When that door needs to be hurricane rated, traditionally options are limited. Until now. Building on the success of the already expansive SL500 Resilience R104, ASSA ABLOY is pleased to offer the ASSA ABLOY Resilience R128 hurricane resistant automatic sliding door. Offering medium stile door panels, 10" bottom rails, an innovative dry glazing system, up to 114 psf design pressure for full impact packages and heights all the way up to 128", it's the ideal product for home centers, garden centers and any application where an over height door package is required.

## Think big...all the way to 128" tall

Your home center door requires robust performance, which is why the Resilience R128 is equipped with medium and 10" bottom rails and is built to withstand rugged conditions. With size parameters that take you up to 16' wide for bi-parts, 9' width for single slides and 128" overall frame heights, you're assured of an expansive door opening to meet your most challenging needs. Plus, its hurricane rated! Equipped with structural steel, the full impact package is rated up to 114 psf design pressure for use in hurricane zones. The package is Category D large missile impact test rated at 50 feet per second and features single point unlocking per operable panel to comply with NFPA 101 Life Safety Code.



### STATE OF FLORIDA APPROVED

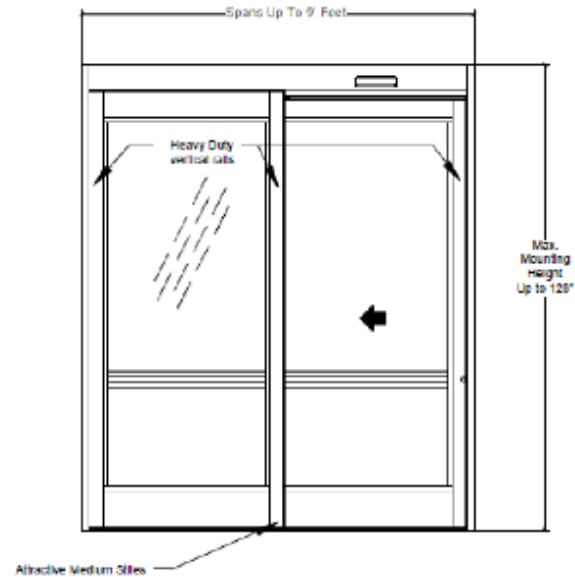
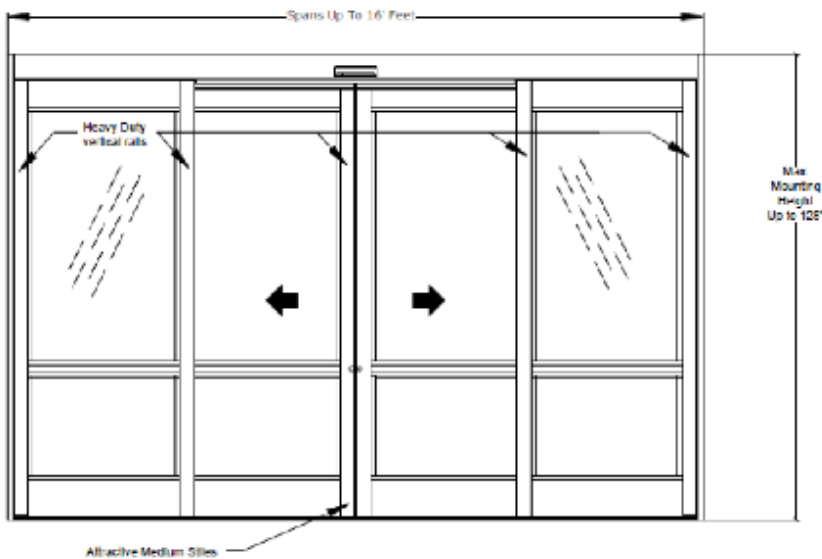
| TEST  | RESULT |
|---|--------|
| ASTM F-842-97 & F-588-97 Forced Entry Test    | Passed |
| TAS 202, ASTM E 330-97 Static Air Pressure    | Passed |
| TAS 202, ASTM E283-99 Air Infiltration        | Passed |
| TAS 201, ASTM E 1996-02 Impact, Large Missile | Passed |
| TAS 203, ASTM E 1996 Cyclical Test            | Passed |

| ASSA ABLOY SL500<br>RESILIENCE R128<br>DOOR PACKAGE | FLORIDA<br>APPROVAL<br>NUMBER | MIAMI-DADE<br>APPROVAL<br>NUMBER |
|---|-------------------------------|----------------------------------|
| FBO Bi-Part/SingleSlide<br>Impact                   | 30356                         | NOA# 21-<br>0324.12              |
| FBO Bi-Part/Single Slide<br>Non-Impact              | 30356                         | NOA# 21-<br>0324.13              |

# QUICK and EASY ON-SITE Glass Repair

## Glass replacement...in a snap

The Resilience R128 is designed for use with 9/16" hurricane resistant glass and features a strong yet time-saving dry glazing system which easily allows glass to be replaced on site without requiring the multi-week curing time of traditional wet glazing systems.



## ASSA ABLOY SL500 Resilience R128 Features

- ✓ Up to 114 psf dependent on packages
- ✓ Max overall frame width: 16' bi-part, 9' single slide
- ✓ Max overall frame height: 128"
- ✓ State of Florida approval
- ✓ Miami Dade approval
- ✓ Standard 1-3/4" muntins bar (4" optional)
- ✓ Optional additional muntin bar (packages 113"+ height)
- ✓ Full dry glazed system
- ✓ On-site glass replacement
- ✓ Medium (full/non-impact) and narrow stile (non-impact) design
- ✓ 10" bottom rails
- ✓ Compliance with NFPA 101 life safety code
- ✓ Full impact packages
- ✓ Non-impact packages
- ✓ Single point unlocking per operable panel



# Sliding Door

## ASSA ABLOY SL500 Forced Entry Resistant Slider

### Elevated Threat Protection

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 overall frame widths of up to 16' for bi-parts, 9' for single slides and overall frame heights of 104", the ASSA ABLOY SL500 Forced Entry Resistant sliding door is the perfect choice for locations where a high level of protection and durability is needed.

### Features & Options

#### Grade 25 Forced Entry Rating

With an ASTM F842-17 Grade 25 rating, the SL500 Forced Entry Resistant sliding door provides elevated threat protection and helps to delay the threat of forced entry to protect your establishment.

#### High Strength Interlocks

High strength steel interlocks that secure the sidelite when doors are locked while maintaining a high-end aesthetic appearance.

#### Steel Lock Pins

AISI 4130 steel lock pins at the top and bottom of the leading edge of the active leaf panels prevent doors from sliding open or being broken out.

#### Dual Corner Straps

Dual 1011 GR50 steel corner straps are stronger than welded aluminum corners and help secure the door's corner joints for additional security and stability.

#### Dry Glazing Glass

The SL500 Forced Entry Resistant door is designed for use with 9/16" impact resistant glass and features a strong, yet time saving, dry-glazing system that allows glass to be replaced on-site without requiring the multi-week curing time of traditional wet glazing systems.

#### Modular Design

Allows ease of package refurbishment when near end of life cycle or after a damaging event, potentially reducing the need to replace an entire door package.

### Architectural Consultation / Application Advice

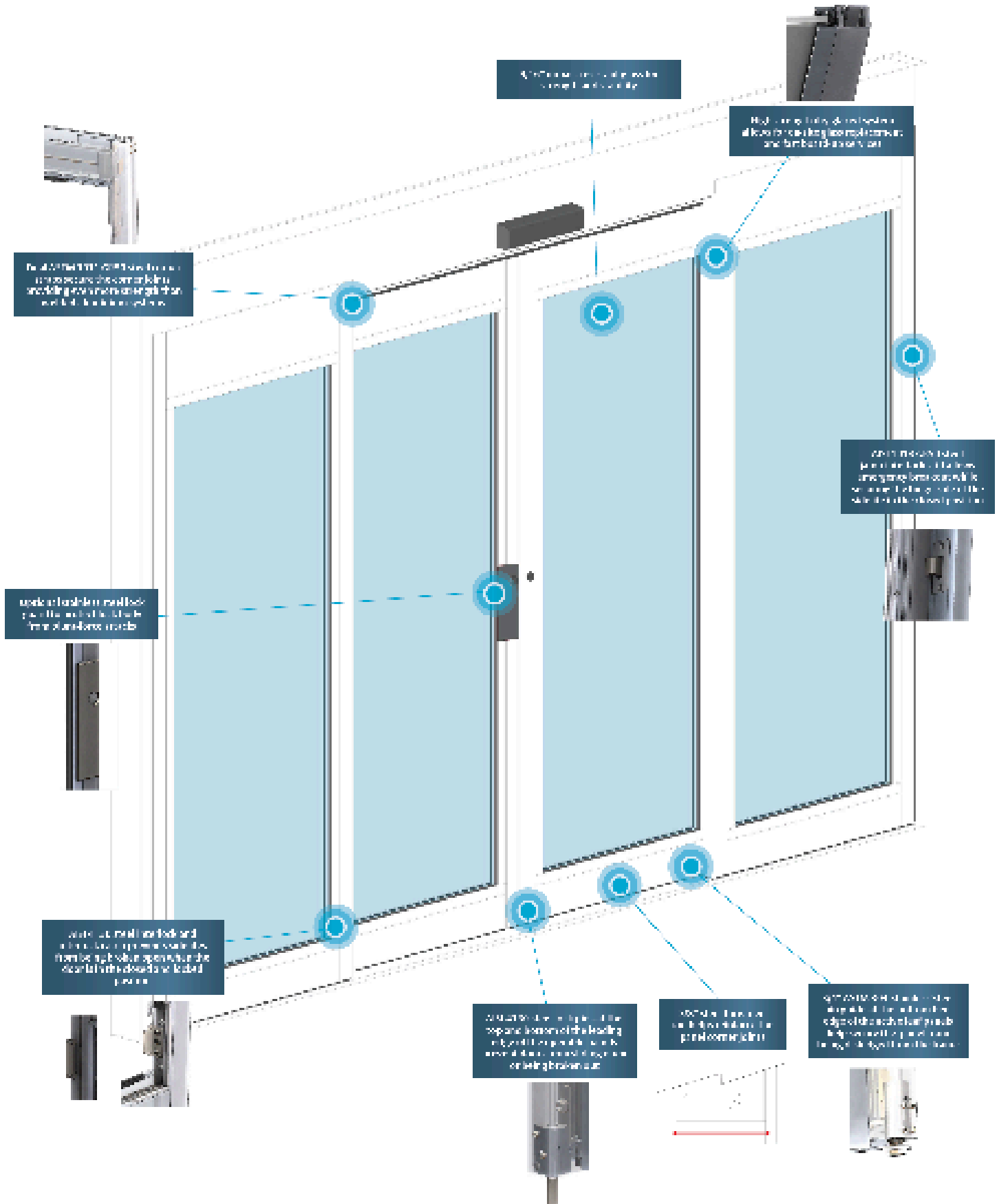
ASSA ABLOY Entrance Systems' team of architectural consultants are ready to help you with the design and planning of your projects from start to finish. Preparing your new project with entrance systems that provide protection and durability without sacrificing clean lines or aesthetics is entirely possible with our SL500 Forced Entry Resistant door. Contact us today to learn more.

### Service

*With 24/7 Service, our certified technicians are ready to help you at a moments notice. We offer breakdown service, planned maintenance as well as board up services for your storefront in the event of the need for further protection.*

## ASSA ABLOY SL500 Forced EntryResistant Features

- Max overall frame width: 16' bi-part, 9' single slide
- Max overall frame height: 104"
- Narrow stile design
- Full break out or fixed sidelite configurations
- Full impact dry glazed system
- On-site glass replacement
- ASTM F842-17 Forced Entry Resistance rating of Grade 25
- Standard 1-3/4" muntins, 4" optional
- Replaceable Track
- 9/16" glass



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 provides solutions for an efficient and safe flow of goods and people. Our offering includes a wide range of automated pedestrian, industrial & residential doors, loading dock equipment, perimeter fencing and service.

**ASSA ABLOY**  
Entrance Systems

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