ASSA ABLOY Entrance Systems NZ Ltd

Building Product Information Sheet (BPIS) – Class 1

Product: ASSA ABLOY **SL521** Automatic Sliding Door Operator (Telescopic)

1. Product Identification

Electro-mechanical sliding door operator for automatic pedestrian doors. Designed for commercial applications including retail, healthcare and public buildings. Variants include single, bi-parting and telescopic configurations.

2. Manufacturer and Supplier

Manufacturer: ASSA ABLOY Entrance Systems

Supplier: ASSA ABLOY Entrance Systems

Website: https://www.assaabloy.com/nz/en

3. Intended Use

Provides automated opening and closing of sliding pedestrian doors for internal and external applications in commercial environments. Suitable for high traffic use.

4. New Zealand Building Code (NZBC) Compliance

B1 Structure: Withstands operational loads when installed correctly.

B2 Durability: Designed for 5–15-year durability with maintenance.

E2 External Moisture: Contributes when integrated into compliant door systems.

F4 Safety from Falling: Includes safety systems to prevent harm.

G9 Electricity: Electrical components comply with relevant standards.

D1 Access Routes: Supports accessible building access.

5. Product Performance

Designed for high-duty cycle operation. Features smooth opening and closing, adjustable speeds, obstruction detection, and integration with sensors and access control systems.

6. Performance Limits

Maximum door leaf weigh: up to 100 kg.

Maximum door width: up to 3000 mm.

Operating environment: Commercial indoor and sheltered external conditions.

7. Standards and Compliance

Designed to meet EN 16005 for safety in use of automatic pedestrian doors, NZ Performance Standards NZS4239-1993 and Compliance Schedule Handbook for Specified Systems.

8. Design Requirements

Correct operator selection based on door size and weight is required. Must be integrated with compatible door framing systems and safety devices.

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9. Installation Requirements

Installation must be undertaken by trained technicians in accordance with ASSA ABLOY

Instructions and the SS3/1 Specified System.

10. Maintenance Requirements

Regular servicing at 6–12-month intervals is required. Safety devices must be checked to ensure ongoing compliance.

11. Durability

Mechanical and electrical components are designed for long-term commercial use subject to correct installation and maintenance.

12. Limitations on Use

Not suitable for applications exceeding stated size or weight limits. Must not be used without appropriate safety sensors and controls.

13. Evidence of Compliance

Compliance is based on international standards testing, manufacturer certification, and long-term industry use.

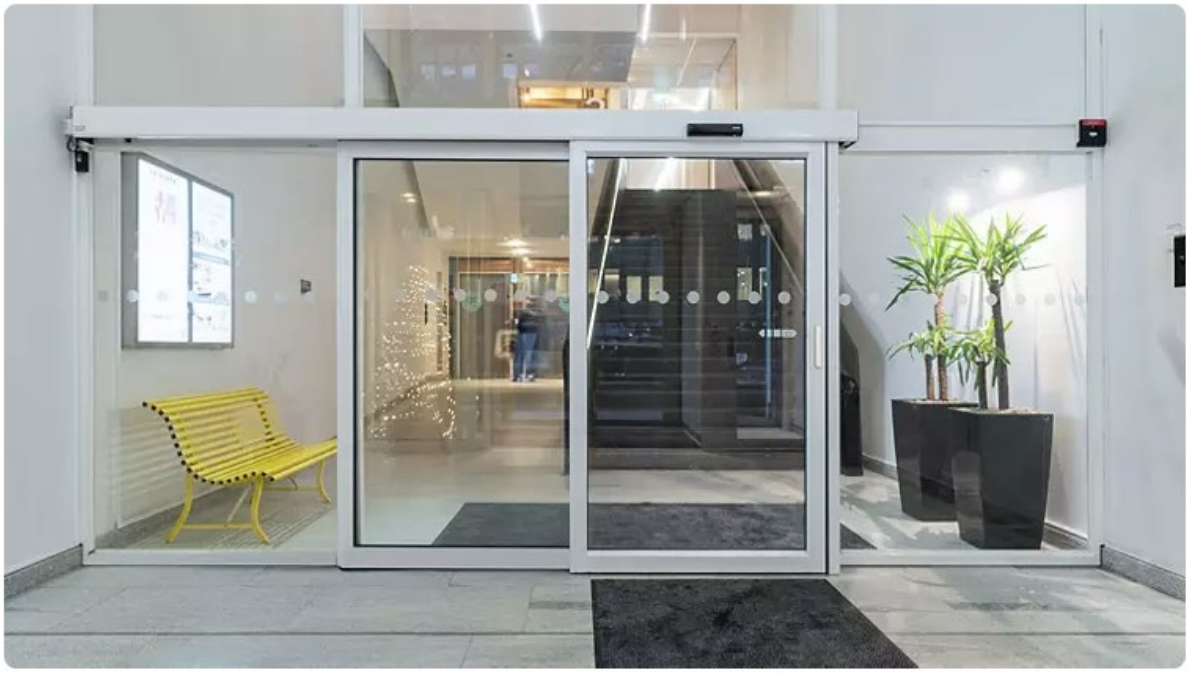
14. Declaration

This BPIS has been prepared by ASSA ABLOY to meet the New Zealand Building Product

Information Requirements (BPIR).

15. Document Control

Version: 2.0 Date: May 2026



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