# ASSA ABLOY Entrance Systems NZ Ltd

**Building Product Information Sheet (BPIS) – Class 1**

**Product: ASSA ABLOY SL501 Automatic Sliding Door Operator**

**1. Product Identification**

The ASSA ABLOY SL501 is an electro-mechanical automatic sliding door operator designed for pedestrian access applications. It is suitable for single sliding and bi-parting sliding door configurations in commercial, healthcare, retail, education, aged care and public buildings. The operator incorporates intelligent control technology, Bluetooth-enabled programming and advanced safety features.

**2. Manufacturer and Supplier**

**Manufacturer:** ASSA ABLOY Entrance Systems

**Supplier:** ASSA ABLOY Entrance Systems New Zealand

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

**3. Intended Use**

The SL501 provides automated opening and closing of pedestrian sliding doors in commercial and public buildings. Suitable for high traffic use.

**4. New Zealand Building Code (NZBC) Compliance**

The SL501 contributes to compliance with the following NZBC clauses when designed, installed and maintained as part of a compliant door system:

**B1 Structure**: Designed to support operational loads within stated performance limits.

**B2 Durability**: Intended for long-term commercial operation subject to maintenance.

**D1 Access Routes**: Supports accessible entry and egress.

**F4 Safety from Falling**: Incorporates monitored safety devices and obstacle detection.

**G9 Electricity**: Operates from 100-240VAC electrical supply and incorporates compliant electrical control systems.

**F2 Hazardous Building Materials**: Manufactured using materials suitable for building applications.

**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 150 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.

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**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.

**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 Entrance Systems to assist compliance with the building (Building Product Information Requirements) Regulations 2022 and should be read in conjunction with the current technical documentation, installation instructions and maintenance requirements for the SL501 Automatic Sliding Door Operator.

**15. Document Control**

- Version: 1.0
- November 2026




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