

Brio **Briton LCN Alegge** Schlage

Commercial Guide

# Commercial Guide

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# RETHINK SPECS

Allegion's Overtur<sup>™</sup> is a cloud-based suite of tools that enables architects and door hardware consultants to come together and collaborate on the specifications and security design of doors and openings.

Overtur provides a variety of apps to accomplish such tasks as:



Review designs in a real-time online environment



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Transfer door data

- including electrical

requirements

Upload door data, schedule and plans directly from BIM

Graphically track and review changes

Improved collaboration, coordination and productivity. Overtur is designed to simplify the process of specifying door hardware for your next project.







# Introduction

With the ever-increasing technical complexity of building, fire, and disability code compliance, it is more important than ever to specify the appropriate products for security and life-safety.

Allegion creates value by securing people and assets with seamless access wherever they reside, work, and thrive. Let our team of technically trained consultants assist you with product specification and door hardware scheduling to ensure appropriate compliance codes are met.

We have sales offices located in Auckland, Wellington, and Christchurch. We would be happy to discuss any project requirements you may have.

# Total solutions

Independently or as an integrated total solution, we can tailor any door hardware schedule to suit your individual security and safety needs for business or home.

**Briton** – Digital locks, door closers, emergency exit devices, fire door controls, floor springs, pivot sets, transom closers

**FSH** – Electric strikes, electromagnetic locks and hold open devices, electric drop bolts, electronic cabinet locks

Eco Schulte – Auto swing door operators

**Ives and Glynn-Johnson** – Door coordinators, general hardware, pivot sets, overhead stops and holders

**LCN** – Mechanical and electronic door closers, fire door controls

**Legge** – Door furniture, locks and latches, general hardware, hinges

**Schlage** – Electronic locks, door furniture, entrance handles, general hardware, keying systems, locks and latches, access control readers, and credentials

**Von Duprin** – Emergency exit devices, electronic door control products, electric strikes, exit devices, and power supplies



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# Leading the pack, keeping it local

It is imperative for homes and businesses to have contemporary, quality security hardware solutions. At Allegion, we take our leadership in the industry seriously and pride ourselves on being a local manufacturer, continually developing contemporary products to meet the needs of New Zealanders.

To further set us apart in the market, we offer an extensive selection of special finishes to complement architectural designs with a fully automated, leading edge electroplating plant.

With Allegion, you can be assured your door hardware specification combines innovation with style from start to finish.

www.allegion.co.nz





Allegion products are not only designed to complete your architectural vision, but also to suit the operational and security needs of a facility for seamless access.

We offer an extensive range of mechanical and electronic hardware and our experienced team can help you specify the right products to meet all your operational building requirements.

# When you partner with Allegion, you receive:

- Easy collaboration with Overtur
   Our cloud-based ecosystem allows project team members to collaborate on specifications, design, and construction of door security and openings.
- Experts across the regions With consultants across the country, you have one point of contact for all your interactions with Allegion.
- Market leading warranties
   We offer some of the best mechanical warranties in the market, and our 10-year mechanical warranty period is extended to 15 years for Matrix+ partners.
- NZ made innovative products
   Our local manufacturing and engineering capability are fit for purpose and gives the flexibility of late configuration.
- Accurate and detailed specifications Our specification team are experts in their field. Fully qualified and with over 50 years' of combined experience, we guarantee accuracy.

### How we can help

- Hardware specifications
- Door-by-door schedules
- Product elevations
- Substitution request reviews
- Hardware submittals reviews
- Comprehensive product training
- Building, life-safety, and accessibility codes compliance
- Job site reviews and pre and post installation inspections

# Getting started

Contact us and we'll connect you with an Allegion consultant in your area.

To get started, please share with us a copy of the following:

- Architectural floor plans
- Door and frame elevations
- Door schedule/details
- Any known requirements



Allegion serves the access and security needs of various projects, including commercial real estate, aged care facilities, hospitality, apartments, tertiary institutions, schools, government, and healthcare. We understand the practical and regulatory requirements for each market and have an experienced team to assist you in specifying compliant and functional door hardware solutions.



#### Aged Care

Aged care facilities have unique requirements that differ across each project and application. Accessibility is a key consideration, including visual disabilities where the colour of the door and the door lever must have visual contrast as per the building code. To enhance user functionality, cam action door closers help users by reducing the force required to open the door. Style is also important for these projects, and our range of special finishes provides options to enhance visual aesthetics of a project.



### Commercial / Retail

Products specified for commercial buildings need to be robust and suitable for heavy use. We can specify both interior and exterior products in marine grade stainless steel. Style is another key consideration and we have a range of durable products available in special finishes to suit your design needs. Security and electronic access options are also available. We understand the accessibility and fire code compliance requirements and can create schedules specifically for your project needs.







#### Hospitality

Style is a key consideration in hospitality projects that also have fire and accessibility compliance requirements. Allegion has products to meet both needs with our range of levers with the required accessibility design in 7 different special finishes. Necessary unique access control requirements are met by our digital lock solutions, such as Schlage eGO or Schlage Omnia.





#### Apartments

Apartment buildings have requirements that vary depending on the intended customers and use. Some situations may or may not require accessible door hardware, however our team of experts will ensure you get a compliant specification to suit your project. We have a range of electronic entry solutions that will allow you to differentiate your offering to potential buyers. The Schlage Omnia, for example, is a fire rated smart lock perfect for use in apartment buildings. Special finishes are also an opportunity to upgrade your project and provide a unique selling point to customers.



#### Education

Primary, secondary, and tertiary institutions have very different access and security requirements. The users of these building types are diverse, varying from small children to adults and those with and without accessibility requirements. For example, master keying is a service we provide for many primary or secondary construction projects, whereas tertiary institutions often require full electronic access solutions. Allegion assists with specification and scheduling to ensure accessibility, fire, and emergency evacuation compliance regulations are met.







#### Healthcare

The physical environment of a healthcare facility is the foundation of all that occurs in it. We believe optimising a healthcare facility's physical environment can have a direct link to improved patient health and safety. It also ensures physician and staff safety, security and performance; increasing operational efficiencies and financial outcomes.





# Electronic Locks

# Schlage Omnia Fire Rated Smart Lock



Technical specifications	Dimensions	Certifications	Warranty
Easily programmable with the Schlage Breeze App     Use voice commands via Google Assistant and Amazon Alexa     Touch screen keypad - up to 150 custom or scheduled pin codes     Fingerprint scanner     1 year battery life (approximately 10 uses per day)     Refer to page 14 for Schlage Breeze accessories	- External - 313mm (L) x 53mm (W) x 28mm (D) - Internal - 310mm (L) x 53mm (W) x 3mm (D)	<ul> <li>Fire rated: Product has been tested for us in fire doors. Refer to fire door manufacturer for approval.</li> <li>Accessibility: Compliant to the AS 1428:1-2009 Design for Access and Mobility</li> </ul>	<ul> <li>2 year mechanical and electronic</li> <li>For finish warranties, please refer to allegion.co.nz/finisheswarranty</li> </ul>

# Schlage eGO Smart Hotel Lock



Silver - Anodised Aluminium



Access with PIN, key tag or fingerprint





Mobile access with Schlage Breeze<sup>™</sup> Guest



Programming with Schlage Breeze<sup>™</sup> Hotel



Remote access with Schlage Wi-Fi Bridge BZ100



## Schlage Breeze accessories



Schlage Wi-Fi Bridge (BZ100)



Schlage Encoder (BZ200)

#### **Technical specifications**

- Network: Wi-Fi 2.4GHz
- IEEE standard: 802.11 b/g/n
- Power interface: Type-C USB
   Power input: 5V/500mA

- Wi Fi Bridge (BZ100) 70mm (L) x70mm (W) x 20mm (D)
- Encoder (BZ200) 70mm (L) x 70mm (W) x 26mm (D) Compatible with the Schlage Breeze Hotel system

- Schlage Omnia™ Smart Lock - Schlage eGO™ Smart Hotel Lock

Lock Compatibility

Lock Compatibility

- Schlage Omnia™ Smart Lock - Schlage eGO™ Smart Hotel Lock

Warranty

- 1 year electronic



Schlage Keypad Controller (BZ300)



Schlage Lift Controller (BZ400)

Warranty

- 1 year electronic

#### **Technical specifications**

- Keypad Controller (BZ300) 125mm (L) x 79mm (W) x 15mm (D) Aluminium frame/tempered glass
- Bluetooth 4.1
  DC12V power supply
  15mA standby current

- -≈1A operating current -≈1.5S unlocking time
- IP66 water level MIFARE M1 S50 card type
- App and IC card unlocking

#### Lift Controller (BZ400)

- Bluetooth 4.1 Compatible with iOS7.0 or later / Android 4.3 smartphone or later
   - 9-16V DC power supply
   - 10 mA standby current, <400 mA working current
   - MIFARE MI S50 card type

- App and IC card unlocking

# Schlage CO Series









Technical specifications	Certification	Warranty
- Available in cylindrical or mortice lock with 70mm backset as standard	- Fire rated: Product has been tested for us in fire doors. Refer to fire door manufacturer	- 1 year electronic - 10 year mechanical - For finish warranties, please refer to allegion.co.nz/
CO100		finisheswarrantyl
- Manually programmable		
- Up to 500 users		
- 3-6 digit PIN codes		
- User rights stored on lock		
- Up to 2 years battery life		
CO200		
<ul> <li>Computer programmable with audit trail*</li> <li>Up to 2000 users and 2000 audit trails</li> <li>Up to 32 holidays and 16 time zones</li> <li>Operates with a keypad and proximity card</li> </ul>		

# FSH FEL990 Series electric mortice lock





#### **Technical specifications**

# Models

- Vestibule and Combination lock
- Handing (left or right)
  Fail safe/secure adjustable on site
- FEL990M - Monitored

- Door
- Metal or wood
  32mm to 50mm thick (extended spindle for up to 65mm thickness available)

#### Backset - 60mm standard

- 70mm
- 89mm
- 127mm

- FEL990 - Non-monitored

Monitoring

#### Monitored

- Door monitoring by reed switch Lock status monitoring by combination of locking bar, deadlatching lock, and locking
- parameters
- Dual key override monitoring (KOM)
- Request to exit (REX) via hub/handle(s)
   LED indication

### Warranty

- 10 years mechanical
- 1 year electronic For finish warranties, please refer to
- allegion.co.nz/finisheswarranty

# FSH MEM2400LP mechanical electromagnetic lock



Accessories

- Adjustable L bracket

- Mounting plate extension 15mm



#### Technical specifications

- Low power consumption
- Up to 1000kg holding force 12V/24V DC field selectable
- Full monitoring lock status sensor
  Door status sensor and warning alarm
- Light panel

Warranty

- 5 years mechanical

- 1 year electronic

# FSH FEM3500 Series electromagentic lock



# Fire rated

#### **Technical specifications**

- Surface mount standard
- 280kg holding force
   12V/24V DC field selectable
- Built-in varistor (MOV) surge protection CE/C-Tick
- No residual magnetism

Models	
FEM3500D	

- Double non-monitored FEM3500DM - Double monitored

FEM3500 - Single non-monitored



FEM3500FM - Single flush mount

Acc	esso	rioc
ALL	<b>C33</b> 0	1163

- L and Z brackets for double FEM3500D and FEM3500DM universal - L and Z brackets for single FEM3500 and

FEM3500M universal - FEM3500 bolt kit for 50mm thick doors

Warranty

- 5 years mechanical - 1 year electronic

# FSH VE1260 motorised drop bolt





#### **Technical specifications**

#### Accessories

#### Warranty

- High torque motor driven drop bolt with up to 35kg pre-load/ - Surface mount boxes

- 40mm strike plate to cater for +/- 12mm door misalignment with 45mm minimum door thickness, square end

- 5 years mechanical - 1 year electronic

- side-load tolerance
- Up to 1000kg holding force
   Consumes an in-rush current of 290mA at 12V DC during
- locking/unlocking, 15mA at 12V DC while locked/unlocked 1A power supply required for full pre-load capability

- Round and square end models



# Pull handles





The Schlage range of pull handles has been designed for residential and commercial applications. This comprises interior and exterior doors for use in retail, educational, institutional, governmental, medical, and public buildings, as well as residential homes.

The range includes both round and square tubular designs. Entrance handles can be fixed to timber, aluminium, and glass doors. They are designed with high quality 316 Marine Grade Stainless Steel to provide greater durability and minimise maintenance.

# Schlage pull handles





# Door furniture

# Legge plates

(Shown with an Alpha lever)



5300 Series



5400 Series

Others - Extended screws

### **Technical specifications**

#### Plate dimensions

- 5300 Series: 185mm (L) x 25mm (W) x 12mm (D) 5400 Series: 185mm (L) x 25mm (W) x 12mm (D) 700 Series: 168mm (L) x 48mm (W) x 11mm (D)

- 500 Series: 168mm (L) x 48mm (W) x 11mm (D)

# Door thickness - 32mm - 55mm

56mm - 75mm (use extended screws)

#### Material

- Forged brassExtruded brass plates
- 5300 and 700 Series are also available in 316 marine grade stainless steel
- Accessories Locks / Latches
- Legge 995MF mortice locks
   Legge 991MF and 990MF mortice lock (on request)
- Warranty
- 30 year mechanical For finish warranties, please refer to allegion.co.nz/

500 Series

finisheswarranty

# Legge roses

#### (Shown with an Alpha lever)



8000 Series

- 6000 Series: Ø55mm x 12mm (D) - 8000 Series: 57mm (L) x 57mm (W) x 12mm (D) - 67 Series: Ø63mm x 11mm (D)



6000 Series

Others

Accessories

Locks / Latches

Escutcheons
Extended screws

- Schlage 60mm latchbolt

Legge 991MF and 990MF mortice lock
 FSH FEL990 electric mortice lock



700 Series

67 Series

#### Warranty

- 30 year mechanical For finish warranties, please refer to allegion.co.nz/ finisheswarranty

Door thickness

Rose dimensions

- 32mm-55mm passage
- 32mm-42mm privacy
- 56mm-75mm privacy (8000 Series)

**Technical specifications** 

#### Material

Forged brass

#### Backset

- 60mm standard on passage and privacy latch
- Suitable to use latch furniture with mortice locks and escutcheons



\*Brass variants can be lacquered or unlacquered on request

# Legge plate functions

(Shown on Legge 700 Series plate)



Turn



Indicating turn



Emergency release



Emergency release with indication



Accessible turn



Accessible turn with indication

# Legge 8000 Series escutcheons



Denotes handing

Accessible



# Legge 800 Series



Door thickness - 32mm - 50mm

## Legge G2 Series locksets



Satin Chrome Plate

#### Technical specifications Functions Warranty - ANSI grade 2 performance - 10 year mechanical Orbit For finishes warranties, please refer to allegion.co.nz/ finisheswarranty - VandIgard® Option - Entrance lock Rose specifications - Orbit - 70mm Neptune - Entrance lock - Neptune - 75mm Passage latch Privacy latch - Concealed fixing Claasroom latch Backset - Storeroom lock - 70mm standard Dummy trim Double cylinder lock Vanguard entrance - 60mm and 127mm available - Concealed fixing on external plates Door thickness - 32mm - 50mm (Orbit and Neptune) - 50mm - 60mm (Neptune)

Keyway - Schlage C4 6-pin keyway profile

# Schlage B250 Series deadlatch





**Technical specifications** Materials Warranty Models B250PD Nightlatch
 B252PD Double cylinder deadlatch - 10 year mechanical
 - For finishes warranties, please refer to allegion.co.nz/ **Door type** - Timber or metal Chassis: steel, brass, and die cast components Outer forend: steel finisheswarranty - Strike plate: steel - Latch: brass with 14mm Backset - 70mm, 60mm available throw Door thickness - 35mm-44mm

Keyway - Schlage C4 6-pin keyway standard - Schlage E6 pin keyway optional - Schlage Everest D keyway optional

Legge G2 Series deadbolt





(Single cylinder shown)

Satin Chrome Plate

Technical specifications	Functions	Warranty
- ANSI/BHMA grade 2 performance	- Double cylinder (key/key)	- 10 year mechanical
Rose specifications - Ø65mm	- Single cylinder (key/turn)	<ul> <li>For finishes warranties, please refer to allegion.co.nz/ finisheswarranty</li> </ul>
Backset - 60mm or 70mm adjustable		

Door thickness - 32mm - 50mm

Keyway - Schlage C4 6-pin keyway standard - Schlage SRW keyway optional





# Legge 991MF mortice locks



Combination / Vestibule (C and V Series)





# Legge 990MF mortice locks



Technical specifications	Functions	Accessories	Warranty
Backset - 991MF 60mm	991 C - Combination	- Rebate kit (C, D, N, and V series)	- 30 year mechanical
- 990MF 70mm, 89mm, and 127mm	V - Vestibule	<ul> <li>Long and short lipped strikes (V and C series)</li> </ul>	<ul> <li>For finish warranties, please refer to allegion.co.nz/finisheswarranty</li> </ul>
- 990 N, D, S 60mm, 70mm, 89mm, 127mm	(for extended backset, specify 990MF V or C mortice lock)	Cylinder	
Door thickness		- Oval cylinder	
<ul> <li>991MF / 990MF - 32mm to 50mm standard (extended, cylinders, spindles and strike</li> </ul>	<b>990</b> D - Deadlocking	Furniture	
plates available to accommodate thicker doors	N - Nightlatch S - Sliding doors	- Legge 5300 & 5400 Series - Legge 6000 & 8000 Series M version	
00015		- Legge 500 & 700 Series	
Door type		- Legge 800 Series	
- Timber - Metal		- Legge 67 Series - Schlage Form Series - QuickFix™	
- Metai		compatible (991MF only)	
Materials - Stainless steel inner and outer - Forend and strike supplied as standard			

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# Legge 995MF narrow stile mortice locks





Door thickness - 32mm - 55mm

**Door type** - Metal - Timber

# Schlage SR keying



\*Brass variants can be lacquered or unlacquered on request

#### **Technical specifications**

Materials

Warranty

Drill resistant
Keys cut to depths 0 to 10
Housing standard shape and size

# Schlage master keying

Most Schlage and Legge locks are supplied individually keyed. A well-designed keying system facilitates more control and increased security. Specially keyed systems have been developed to enable end users to assign access to individuals for locks they are authorised to operate. Lost ball construction keying is available.



#### Keyed to Differ (KD)

Keyed Alike (KA)

All keys are individual and stand alone. Each lock can only be opened by its own individual key.

The system allows a number of locks to be operated by the same key as they are keyed to a specific code. This system is particularly suitable for residential applications with front and back doors.





#### Master keyed

This keying system locks in a group to be keyed individually and does not allow those individual keys to operate any other lock in the system. However all locks in the system can be operated by one master key.

#### Grand master key

With this system, locks in several groups are independently keyed with a master key for each group. Each group is independent of each other, and the grand master key will work with all locks in all groups.



#### Maison keying

A maison key system is a keying system that allows a lock to be opened with a number of unique individual keys. Typically found in applications like apartment buildings, it provides unrestricted access to common doors. Unlike master keyed systems, the lack of security makes this a less attractive option.


# Door controls



# LCN 4031 & 4031T Series

		403IT Series door closer	
4031 Series doc (Hold open arms		40311 Series door closer	
	Aluminium	Dark Bronze	Accessible Fire rated
Technical specifications	Models	Accessories	Warranty
<ul> <li>Universal, fully reversible, non handed door doser</li> <li>Independent adjustable valves for backcheck, closing, and latching speeds</li> <li>Optional SRI primer for corrosive conditions</li> <li>High strength cast iron construction</li> <li>Door type</li> <li>Timber or metal</li> </ul>	4031 - Regular arm - Internal door size 660mm-1219mm - External door size 660mm-914mm - 1-4 adjustable closer strength 4031T - Track arm - Internal door size 660mm-965mm - 1-3 adjustable closer strength	<ul> <li>Non handed metal cover</li> <li>Non handed single lever arm</li> <li>Drop plate</li> <li>PA shoe</li> <li>Hold open arm</li> <li>Adaptor plate</li> </ul> 4031T only <ul> <li>Standard track</li> <li>Hold open clip</li> </ul>	<ul> <li>30 year mechanical</li> <li>For finish warranties, please refer to allegion.co.nz/finisheswarranty</li> </ul>
Functions - Regular (R) - Hold open (HO), optional			

# LCN 1461 & 1461T Series

	0000		
1461 Series	door closer	1461T Series	door closer
Technical specifications	Aluminium •	Black Dark Bronze	Line Accessible Fire rated
<ul> <li>Universal, fully reversible, non handed door doser</li> <li>Certified NSI/BHMA A 156.4-2019 American Standard for door controls- closers</li> <li>Tested to 2,000,000 cycles</li> <li>High-strength cast iron construction</li> </ul>	1461 - Regular arm - Internal door size 610mm-1524mm - External door size 610mm-1219mm - 1-6 adjustable closer strength	<ul> <li>Non handed metal cover</li> <li>Hold open clip</li> <li>Adaptor plate</li> <li>Drop plate</li> <li>PA shoe</li> </ul> 1461 only <ul> <li>Blade stop spacer</li> </ul>	<ul> <li>- 30 year mechanical</li> <li>- For finish warranties, please refer to allegion.co.nz/finisheswarranty</li> </ul>
Door type - Interior, exterior - Timber or metal Functions - Regular (R) - Hold open (HO) - Delayed action (DA) - Cush-n-stop (CNS) - Hold open cush-n-stop (CNS-HO)	<b>1461T</b> - Track arm - Internal door size 660mm-965mm - 1-3 adjustable closer strength	<b>1461T only</b> - Track roller - Track bumper	

# LCN 4040XP & 4040XPT Series



4040XP Series door closer (Hold open arm shown)



Aluminium

Technical specifications	Model specifications	Accessories	Warranty
<ul> <li>Universal, fully reversible, non handed door closers</li> <li>Independent adjustable valves for backcheck, closing and latching speeds</li> <li>High strength cast iron construction</li> </ul>	<b>4040XP</b> - Internal 610mm-1524mm - External 610mm-1219mmm - 1-6 adjustable closer strength	- Adaptor plate - Drop plate - Hold open arm - Cush-n-stop arm - Hold open cush-n-stop arm - Metal cover	- 30 year mechanical - For finish warranties, please refer to allegion.co.nz/finisheswarranty
Door type			
- Timber or metal	<b>4040XPT</b> - Internal 610mm-1219mm	<b>4040XPT only</b> - Track roller	
Functions - Regular (R) - Hold open (HO) - Cush-n-stop (CNS) - Hold open cust-n-stop (CND-HO)	- External 762mm-914mmm - 1-4 adjustable closer strength	- Hold open clip	

Note: LCN4041 delayed action model also available Please speak to your Allegion consultant for more information

# ECO Shulte ETS Series swing door operator





# **Technical specifications**

Approved as a hold-open device for fire and smoke protected doors
Can be set for both low energy (only 4W on standby) and full power functions

- Push + Go feature allows the door to automatically open

# Accessories

- Slide rail arm - Standard arm

Standard arm
Mounting plate
Open stop
Activation sensor
Push plate actuator

# Warranty

10 year mechanical
2 year electronic
For finish warranties, please refer to allegion.co.nz/ finisheswarranty

# Briton surface cam action closers



# Briton concealed cam action closer



Technical specifications	Model	Functions	Warranty
Door type	2400	<ul> <li>Compact concealed overhead closer</li> </ul>	- 10 year mechanical
- Timber or metal	- 850-1100mm size - 40-80kg weight	<ul> <li>Extruded aluminium body with cam action technology</li> </ul>	<ul> <li>For finish warranties, please refer to allegion.co.nz/finisheswarranty</li> </ul>
Angle of opening	<ul> <li>Non handed type</li> </ul>	<ul> <li>High quality hydraulic fluid with built-in</li> </ul>	
- 80°	<ul> <li>2-4 adjustable strength</li> </ul>	temperature compensation	
<ul> <li>80°-120° mechanical hold-open (optional)</li> </ul>	. 0	<ul> <li>Aluminium side track</li> </ul>	

# Briton door controls



Models	Accessories	Warranty
1120 - Regular arm - 850mm-1100mm maximum door width - 45-80kg door weight - 2-4 adjustable closer strength	- Hold open arm - Track arm - Parallel arm bracket - Adaptor plate - Parallel arm drop plate	- 10 year mechanical - For finish warranties, please refer to allegion.co.nz/finisheswarranty
<b>1120T</b> - Track arm - 850mm-1100mm door width for parallel arm - 750mm-950mm for track arm - 40-80kg weight for parallel arm - 20-60kg for track arm - 1-3 adjustable closer strength		
1130 - Regular arm - 850mm-1400mm maximum door width - 40-120kg door weight - 2-6 adjustable closer strength		
	1120         - Regular arm         - 850mm-1100mm maximum door width         - 45-80kg door weight         - 2-4 adjustable closer strength         1120T         - Track arm         - 850mm-1100mm door width for parallel arm         - 750mm-950mm for track arm         - 40-80kg weight for parallel arm         - 20-60kg for track arm         - 1.3 adjustable closer strength         1130         - Regular arm         - 850mm-1400mm maximum door width         - 40-120kg door weight	1120       - Hold open arm         - Regular arm       - Track arm         - 850mm-1100mm maximum door width       - Parallel arm bracket         - 45-80kg door weight       - Adaptor plate         - 2-4 adjustable closer strength       - Parallel arm drop plate         1120T       - Track arm         - 850mm-1100mm door width for parallel arm       - Parallel arm drop plate         1120T       - Track arm         - 850mm-100mm door width for parallel arm       - 20-80kg weight for parallel arm         - 20-80kg for track arm       - 1-3 adjustable closer strength         1130       - Regular arm         - 850mm-1400mm maximum door width         - 40-120kg door weight

- **1130T**  Track arm 850mm-1250mm door width for parallel arm 850mm-1100mm for track arm 40-100Kg weight for parallel arm 40-80kg for track arm 1-4 adjustable closer strength

# Briton floor springs



5000 Floor spring



Satin Stainless Steel

Technical specifications	Model	Accessories	Warranty
<ul> <li>Tested to 500,000 cycles</li> <li>Dual action floor spring with 3 installation adjustments</li> <li>Closing and latching speed adjustments control the door during operation</li> <li>Cast iron body</li> </ul> Functions <ul> <li>Non hold open</li> <li>Hold open 90°</li> <li>Hold open 105°</li> </ul>	<ul> <li>5000</li> <li>- 307mm (L) x 108mm (W) x 40mm (D)</li> <li>- 100kg door weight</li> <li>- 44mm minimum timber door thickness</li> <li>- 37mm minimum metal door thickness</li> <li>- 100mm-12mm glass door thickness with patch fittings</li> <li>- 1000mm maximum door leaf width (5003)</li> <li>- 1100mm maximum door leaf width (5004)</li> <li>- 3 fixed closer strength (5003)</li> <li>- 4 fixed closer strength (5004)</li> </ul>	- Cover plate - Top pivot - Bottom strap - Offset pivot - Interchangeable spindle 5mm–35mm	<ul> <li>10 year mechanical</li> <li>For finish warranties, please refer to allegion.co.nz /finisheswarranty</li> </ul>
	<b>7500</b> - 341mm (L) x 78mm (W) x 60mm (D) - 300kg door weight - 40mm minimum timber door thickness - 37mm minimum metal door thickness - 750mm-1400mm maximum door leaf width - 3-6 adjustable closer strength		

# Briton 2800 concealed transom closers



Aluminium

# Technical specificationsFunctionsAccessoriesWarranty- Adjustable spring strength to suit door<br/>size- Non hold open<br/>- Hold open 90°- Cover plate<br/>- Bottom pivot- 10 year mechanical<br/>- For finish warranties, please refer to<br/>allegion.co.nz/finisheswarranty- Adjustable closing and latch speed<br/>- Optional 90° and 105° hold open<br/>- Side load arm standard, optional end load<br/>arm<br/>- Max door weight 80kg- Non hold open<br/>- Hold open 105°- Cover plate<br/>- Bottom pivot<br/>- End load arm<br/>- Metal fire box- 10 year mechanical<br/>- For finish warranties, please refer to<br/>allegion.co.nz/finisheswarranty

**Door type** - Timber or metal doors

Closer strength
- 2-4 adjustable

Door size

- 1100mm maximum width

# Briton pivot sets



2800

Model

- Up t o 1100mm door size

40mm door thickness
80kg maximum door weight

- Up to 1400mm door size - 250kg maximum door weight

2800

7500



Warranty

finisheswarranty

- 10 year mechanical - For finish warranties, please refer to allegion.co.nz/

Satin Stainless Steel

# **Technical specifications**

Adjustable top pivot setStainless steel cover plate for top pivot

Needle roller bearing for top pivot
 Height adjustable bottom strap

**Door type** - Timber or metal

Accessories - Fixings for timber and steel

# Ives flush bolts



Ives FB41T (Top)



Ives FB41B (Bottom)

Satin Chrome Plate

Technical specifications	Door type	Material	Warranty
<ul> <li>Bolt: 19mm throw with 22mm vertical adjustment</li> <li>Body size: 216mm (L) x 25mm (W) x 52mm (D)</li> </ul>	- Timber	- Steel plate - Cast brass	<ul> <li>10 year mechanical</li> <li>For finish warranties, please refer to allegion.co.nz/ finisheswarranty</li> </ul>

# Ives door coordinators 10 1 COR32 r Fire rated COR7G Aluminium Satin Chrome Plate **Technical specifications** Warranty Door type Material - COR32 - 864mm-1320mm door opening - COR42 - 1320mm-1830mm door opening - 10 year mechanical - For finish warranties, please refer to allegion.co.nz/ - Timber or metal - Aluminium - COR52 - 1575mm-2340mm door opening finisheswarranty COR7G and COR9G - up to 101mm (active door) and 1016mm (with astragal on inactive door), or up to 864mm (astragal on both doors) - Forged brass

# Briton door selectors



- 10 year mechanical - For finish warranties, please refer to allegion.co.nz/ finisheswarranty



# Exit devices

# **Briton 370 Series**



B378E Reversible rim panic latch

Silver



## **Technical specifications**

# - Single door applications - Tested to 600,000 cycles

- Reversible

Door type

- Timber or metal

Door size - 665mm - 1300mm (W)

### Stile width

Minimum 78mm with 13mm rebates
 Minimum 90mm with 25mm rebates

Material

- Zinc die cast chassis - Steel rods and crossbars Warranty

Warranty

- 10 year mechanical

- For finish warranties, please refer to allegion.co.nz/ finisheswarranty

- 10 year mechanical - For finish warranties, please refer to allegion.co.nz/

finisheswarranty



B376E Vertical panic bolt

Silver

Material

- Zinc die cast chassis

- Steel rods and crossbars

# **Technical specifications**

- Single door applications or used with 377E double door set for double rebated door applications

# **Door type** - Timber or metal

Door size - 665mm - 1300mm (W) - Extra long shoot for door heights up to 3350mm

Stile width - Minimum 78mm with 13mm rebates - Minimum 90mm with 25mm rebates

# Von Duprin 22 Series



**Technical specifications** Accessories Warranty Single and double door applications
 Reversible handing
 Surface mounting
 Available in two lengths: 914mm and 1220mm 10 year mechanical
 For finish warranties, please refer to allegion.co.nz/ finisheswarranty - Alarm kit - Knob - Lever Nightlatch
Thumbpiece Door type - Aluminium Vertical extension rods
Hex dogging key - Timber - Metal

Door thickness - Surface mounted: 19mm minimum - Through bolt: 44mm to 57mm

Door width - 914mm-673mm minimum\* - Up to 2314mm for vertical rod device (3050mm high when fitted with extension rods)

Stile width - VD22 minimum 111mm with optional 1609 strike - VD2227 minimum 92mm

\*Based on standard strike and 13mm stop

Fire rated

# Von Duprin 33A Series



Satin Chrome Plate



# **Technical specifications**

- Single and double door applications
- Non-handed
  Push pad exit device
- VD3327A-EO exit only surface mounted vertical rod device (suitable for standard door height 2134mm)
- Hex dogging key

Lever

- Universal strikes

Accessories

Exit alarm kit

Electric latch retraction
 Nightlatch

Vertical extension rods

- 10 year mechanical

Warranty

For finish warranties, please refer to allegion.co.nz/ finisheswarranty

# Door type - Timber

- Metal

# Door thickness

- Surface mounted: 19mm minimum
- Through bolt: 44mm-57mm

Door width - 711mm–914mm

### Stile width

- Double rebated door: 76mm minimum with optional 1609 strike

- Double non-rebated door: 44mm minimum

# Von Duprin 88 Series



VD88EO



## Satin Chrome Plate

Accessories

Hex dogging key
 Universal strikes

- Vertical extension rods

Vertical extension rods

## **Technical specifications**

- Single and double door applications
- Reversible handing
  Push bar exit device

Door type - All door types

# Door thickness

- Surface mounted: 19mm minimum
   Through bolt: 44mm–57mm

### Door width

- 600mm minimum
- Stile width
- VD88EO: 111mm minimum with standard
   299 strike; 100mm minimum with optional 1606 strike
- VD8827EO: 71mm minimum on single door; 64mm min on
- double non-rebated doorset

Warranty

- 10 year mechanical For finish warranties, please refer to our website allegion.co.nz/finisheswarranty

# Von Duprin 99 Series



Satin Chrome Plate

Technical specifications	Models	Accessories	Warranty
- Single and double door applications	- VD99EO: exit only rim	- Exit alarm kit	- 10 year mechanical
- Reversible handing	device	<ul> <li>Quiet electric latch</li> </ul>	<ul> <li>For finish warranties, please refer to allegion.co.nz/</li> </ul>
- Push pad exit device	<ul> <li>VD99EO-F: exit only fire rated rim device</li> </ul>	retraction - Nightlatch with pull	finisheswarranty
Door type	<ul> <li>VD9927EO: exit only</li> </ul>	<ul> <li>Breakaway lever</li> </ul>	
- Aluminium, hollow metal or timber hinged doors	surface mounted vertical rod device	<ul> <li>Vertical extension rods</li> <li>Hex dogging key</li> </ul>	
Door thickness	- VD9927EO-F: exit	- Universal strikes	
<ul> <li>Surface mounted: 19mm minimum</li> </ul>	only fire rated surface		
- Through bolt: 44mm–57mm	mounted vertical rod device (suitable for		
Door width	standard door height		
- 711mm minimum*	2134mm)		
Stile width			
<ul> <li>VD99EO: 111mm minimum with standard</li> </ul>			
299 strike			
- VD9927EO: 94mm minimum			

\*Based on standard strike and 13mm stop height



# General hardware

....

.

# Schlage door stops



# Legge latchbacks



WMLB-4



FMLB-6

Satin Chrome Plate



FMLB-10

Model	Fixing	Size	Warranty
WMLB-4	Wall	100mm	- 10 year mechanical
FMLB-6	Floor	100mm	<ul> <li>For finish warranties, please refer to allegion.co.nz/finisheswarranty</li> </ul>
FMLB-10	Floor	175mm	

# Legge pull handles and push plates



Visible (606-V) Concealed (606-C) Concealed (606-C-to suit 401 pull)

# Legge flush pulls

606

1351

1353



Push plate

Pull handle

Offset pull handle

on 38mm rose

(also available without rose)



1964

Satin Stainless Steel

Model	Dimensions	Warrar
1962	100mm (L) x 50mm (W) x 19mm (D)	- 10 year
1964-01	120mm (L) x 35mm (W) x 12.5mm (D)	- For finis

300mm x 100mm

200mm x 16mm pull

150mm x 16mm pull 200mm x 16mm pull with

200mm x 16mm

rose

# inty

r mechanical ish warranties, please refer to egion.co.nz/finisheswarranty

# Legge heavy duty roller catch



Satin Stainless Steel



# **Technical specifications**

- 304 grade stainless steel components

Adjustable for different door clearances

Warranty

10 year mechanical
 For finish warranties, please refer to allegion.co.nz/ finisheswarranty

# Schlage signage and coat hook





16251





16291



16271



12921

16241

16261

16281

Warranty

finisheswarranty

Model	Description	Dimensions
16241	Male symbol	110mm (H) x 120mm (W)
16251	Female symbol	110mm (H) x 120mm (W)
16261	Disabled symbol	110mm (H) x 120mm (W)
16281	Shower symbol	110mm (H) x 120mm (W)
16291	Baby change symbol	110mm (H) x 120mm (W)
16271	Unisex symbol	110mm (H) x 120mm (W)
12921	Hat and coat hook	80mm (L) x 20mm (W)

Satin Stainless Steel

# Legge indicator bolt



1461

Satin Chrome Plate

- Indicator bolt or surface mounted bolt (without the indicator)

Description

# Technical specifications

- Suitable for timber and metal doors

Clear indication of availability of a room

- External release slotted button permits access under

emergency conditions - Zinc die cast material

10 year mechanical
 For finish warranties, please refer to allegion.co.nz/



# Legge barrel, chain, and flush bolts



Model	Description	Size	Warranty
1851 LG12SB LG12NSB 1912 4012 6012 8012 1913	Chain bolt 100mm Socket bolt Necked socket bolt Flush bolt Flush bolt Flush bolt Flush bolt Flush bolt Dust socket	600mm chain length 150mm (L), Ø12mm 150mm (L), Ø12mm 150mm (L), 25mm (W) 400mm (L), 25mm (W) 600mm (L), 25mm (W) 800mm (L), 25mm (W) 43mm (D), suits Ø12mm bolt	- 10 year mechanical - For finish warranties, please refer to allegion.co.nz/ finisheswarranty

# Legge flush bolts





# Common terms

# Backset

The distance from the edge of the door to the centre of the hole for the spindle/lever.

# **Classroom lock**

Outside handle locked and unlocked by key. Inside handle always unlocked

# **Door preparation**

The cut-outs or holes made to the door for the lock and/or lever being installed.

# **Door thickness**

The measurement from outside face of the door to inside face of the door. All locks have a minimum/maximum door thickness.

# Double cylinder deadbolt

Deadbolt thrown or retracted by the key from either side. Bolt automatically deadlocks when fully thrown.

# Double cylinder deadlatch

Deadlocking latchbolt retracted by the key from either side. No hold-back feature

# **Mortice lock**

A lock which is set within the body of a door in a recess or mortice, as opposed to one attached to the door surface.

# Nightlatch

Deadlocking latchbolt retracted by the key from outside or by inside turn. Rotating turn and activating hold-back feature keeps latch retracted.

# Single cylinder and turn deadbolt

Deadbolt thrown or retracted by the key from outside or by inside turn. Bolt automatically deadlocks when fully thrown.

# Stile

The vertical edge of the door where door furniture is fixed. A thin stile, i.e. one with a glass pane near the edge of the door may have implications for which backset can be used.

# Storeroom lock

Outside handle fixed. Entrance by key only. Inside handle always unlocked.

# Technical compliance

# 6

# Fire Rating:

Product has been tested for use in fire doors. Refer to fire door manufacturer for approval.



# Accessibility:

Compliant to the AS 1428:1-2009 Design for Access and Mobility.

Caution: When door closers are installed and adjusted to meet reduced opening force requirements, there may be insufficient power to reliably close and latch the door, depending on prevailing operating conditions.



# Electromagnetic compatibility:

Meets EN 61000-6-1 (emission) EN 61000-6-2 (immunity) standards.

# Lever handing and general information

Door preparation guide



# Lever handing guide



# USA lever handing guide

When ordering LCN handed closers, use this chart



Lever dimension guide



# Finish glossary



\*1 Brass variants can be lacquered or unlacquered on request \*2 Contact Allegion or look online for coating type

Note: Colours are indicitive only and subject to limitations in the printing process

# Services

# Scheduling

A comprehensive door schedule specification service is provided. Door hardware schedules are available with no obligation.

# Master keying

Master Keying is a method of controlling access through a building. A key schedule is prepared from provided floor plans. It includes a key matrix, which locates keys and locks and their distribution and usability. Security is based on a system where one lock has its own key. This key will not operate any other locks in the property/building, however where all locks are in the same property/building the locks can be operated by the one master key.

# Keyed Alike – KA

More than one lock being operated by the same key.

# Keyed to Differ – KD

One lock is opened with a single key.

# Product application classification

# Residential and light duty

Moderate use. Typical applications include residential homes, apartments, and low traffic offices.

# Commercial

Moderate to high traffic flow. Typical applications include classrooms, storerooms, entrance/fire applications.

# Heavy duty

Excessive high usage/high security subject to abuse. Typical applications include prisons, stairwell doors, and air pressure differential.

# Luxury at every turn

Highly favoured for architecturally designed homes and commercial projects, Legge's Luxe. portfolio includes a total of 10 luxurious finishes with a range of 10 lever and 7 plate designs.

The New Zealand designed and assembled Legge Luxe. collection is the perfect touch of luxury at every turn.







Satin Black Chrome



Satin Brass Lacquered



Satin Nickel



Oil Rubbed Bronze



Satin Brass Unlacquered



Satin Chrome



Antique Bronze



Polished Brass Lacquered



Chrome



Polish Brass Unlacquered





# About Allegion™

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

For more, visit **www.allegion.co.nz** 

# A passion for excellence

Brio Briton LCN LEGGE SCHLAGE

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