Allegion Electronic Hardware

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1 Specification Details

Trade Sections: Joinery, Aluminium Joinery, Specialist Services & Equipment
Description:
Keywords:

2 Clauses

2.1 Scope

2.1.1 Scope

Supply and install the specified Electronic Hardware from Allegion to the locations as shown on the drawings and schedules, complete with accessories. All aspects of this work shall be in accordance with the manufacturer's technical literature and installation guidelines (check www.allegion.co.nz, call 0800 477 869 or email nzinfo@allegion.com for the latest editions), other relevant product manufacturers' recommendations, and as indicated on the drawings and schedules.

No substitutions are permitted for the specified Electronic Hardware from Allegion.

2.2 Requirements

2.2.1 Samples

Provide samples, as requested, of the specified electronic hardware for the approval of the Architect/Designer. Do not proceed until the samples have been approved.

2.2.2 Co-operation

Co-operate with other trades to ensure that all preliminary and preparatory works are completed to specification and as shown on the drawings.
Coordinate with other trades to install the specified electronic hardware as required.

2.2.3 Workmanship

Installation work shall be carried out by suitably qualified installers, familiar with the specified products and installation techniques, to fully comply with all warranty requirements and in accordance with the manufacturer's installation requirements.

Electrical wiring shall be carried out by a qualified electrician in accordance with the electrical standards and regulations. The electrician shall connect the power supply; the hardware installer shall set the limits and commission and verify the operation of electronic hardware.

All work shall be such as to leave a neat, efficient and robust installation.

Leave installed hardware clean and free from damage and defects of any kind.

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2.2.4 Delivery & Handling

Store electronic hardware in a secure and weatherproof space, off the floor, on a flat, level surface, and in a manner that prevents any damage or deterioration to the products. Keep stored hardware dry and protected from damage, moisture and contamination at all times.

Inspect each hardware item for defects and damage prior to installation. Reject any item found to be defective or damaged and contact the supplier for replacement.

Handle electronic hardware during installation in accordance with the manufacturer's recommendations and in a manner that prevents damage.

2.2.5 Installation - Locksets

Install the specified locksets to the doors and locations as identified on the drawings and Door Hardware Schedule in accordance with the manufacturer's requirements, including electrical connections, and commission these to the required operating functionality.

All locks, strikes, latches and handles shall be firmly fixed in place without restricting the operation of their moving parts.

2.2.6 Construction-Keyed Locksets

Locksets shall be temporarily keyed alike for construction use and replaced with master-keyed cylinders in accordance with the Door Hardware Schedule and security requirements.

2.2.7 Installation - Door Closers, Operators & Exit Devices

Install the specified door closers, automatic operators and exit devices to the locations identified on the drawings and Door Hardware Schedule in accordance with the manufacturer's requirements, including electrical connections, and commission these to the required operating functionality.

2.2.8 Commissioning

Commission the specified electronic hardware to the required operating performance and functionality. Verify the operation of electronic hardware in accordance with the requirements of the security system.

2.2.9 Completion

Check that the specified electronic hardware has been installed correctly, and commissioned and verified to the required operating performance and functionality.
Check that all hardware components do not restrict the operation of their moving parts, and that latches and locks fully engage with strikes and keepers.

Check installed hardware items for damage, defects and faults - carry out repairs and/or replace hardware items as necessary.

Leave all electronic hardware in full working order to the required operating performance and functionality in accordance with the manufacturer's requirements, and with the project-specific