Allegion Mechanical Hardware

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1 Specification Details

Trade Sections: Carpentry, Joinery, Aluminium Joinery
Description:
Keywords:

2 Clauses

2.1 Scope

2.1.1 Scope

Supply and install the specified Mechanical 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 Mechanical Hardware from Allegion.

2.2 Requirements

2.2.1 Samples

Samples are available of the specified mechanical hardware for the approval of the Specifier/Architect/Designer. Requests can be made through:
- National Free Phone: 0800 477 869
- National Free Fax: 0800 477 868
- Auckland Phone: (09) 829 0553
- Auckland Fax: (09) 829 0557
- Email: nzinfo@allegion.com.

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 hardware and door furniture 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.

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 door hardware and furniture 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 door hardware and furniture in accordance with the manufacturer's recommendations and in a manner that prevents damage - in particular any surface marking.

2.2.5 Installation - Locksets and Door Furniture

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

All locks, latches and handles shall be firmly fixed in place without restricting the operation of their moving parts. Locks and latches shall be fully housed with forend and strike plates neatly recessed and set flush with clashing strip and jamb. Latches and levers shall fully engage with the strike keepers to ensure proper functionality, and shall be free of slack when engaged.

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, Coordinators and Exit Devices

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

2.2.8 Commissioning

Commission the specified mechanical hardware items and their moving components to the required operating performance, functionality and tolerances, and verify that the hardware is in full working order.

2.2.9 Completion

Check that the specified mechanical hardware has been installed correctly and commissioned to the required operating performance and functionality.
Check that all locksets, latches and handles are firmly fixed in place without restricting the operation of their moving parts, and that latches and locks fully engage with strikes and keepers and are free of slack when engaged.

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