

ACE DOORS HUSHSHUTTER™ COMMERCIAL ROLLER SHUTTER

Specification No: HCRS1

Date: 13/06/13

1. SCOPE

Supply, install, and commission the selected AceDoors Commercial Door Systems to the locations identified on the drawings, complete with all accessories. All aspects of this work shall be in strict accordance with the manufacturer's technical literature and installation requirements (check www.acedoors.co.nz, call 09 273 4970 or email sales@acedoors.co.nz for the latest editions), other relevant product manufacturers' recommendations, and as noted and detailed on the drawings.

No substitutions are permitted for AceDoors Commercial Door Systems.

2. PRODUCTS

2.1. General

'HushShutter' Heavy Duty Industrial Roller Shutter Door

Suitable for door openings up to 6000mm high x 8000mm wide. Larger by arrangement.

'HushShutter' doors over 5500mm wide require 'HushShutter' Windlock guides.

Face mounted installation - fastened to the face of the wall opening as shown on the drawings, includes adjustable fixing brackets.

Formed opening size:

Opening construction:

Location:

2.2. Materials

Roller Curtain - manufactured from 100mm x 0.75mm to 0.95mm thick replaceable interlocking galvanised steel slats.

Door Guides - 'HushShutter' galvanised steel 72mm x 72mm x 2mm thickness silenced door guides with full length PVC wear strips.

Bottom Bar - heavy-duty extruded aluminium section with neoprene weather strip.

Drive operation, curtain finish, fixing durability, and optional extras as specified below.

Manufactured and installed to the locations, dimensions, and details as scheduled and shown on the drawings in accordance with the manufacturer's requirements.

2.3. Operation

a) Motorising

- 3 phase, ½ horsepower 415v motor
- 3 phase, 1 horsepower 415v motor
- Single phase, ½ horsepower 240v motor
- Hand chain only with 2 x sliding locks

b) Safety

Safety - Shall be dual disc brake safety system to prevent door falling accidentally. Emergency opening by built-in hand chain pulley system in case of power failure. Incorporated fuse to prevent short circuit or extreme current fluctuation with built in thermal auto cut-off switch

c) Activation Options:

- Push buttons (Standard specification)
- Key switch operation (Optional specification)
- Smartbox™ autologic controller with remotes & safety beams (Optional specification)

2.4. Additions

Vented slats, punched 100mm w x 25mm h positioned as per drawing

Windlocks required if door exceeds 5.5m width.

Wicket Gate if required, to be 1980mm h x 670mm w wicket gate fitted with Lockwood night latch.

Wicket Door if required, to be 1995mm h x 925mm w wicket egress door.

No birdproofing is standard otherwise provide 100mm w nylon birdproofing brush slotted into aluminium carrier.

3. FINISHES

Curtain Finish: Shall be a choice of either:

- Galvanized steel
- Duralloy or Interpon powdercoat
- Duratec powdercoat

4. 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.

Co-ordinate with other trades as required to install AceDoors Commercial Door Systems, mechanical operators and associated cabled services, to the required operating functionality and tolerances.

Where required, complete and submit for door manufacture the AceDoors Site Measure document confirming all door opening site-measurements, fixing types, and other necessary information prior to manufacture.

5. WORKMANSHIP

Where required by the NZ Building Amendment Act 2012, it is the building contractor's responsibility to ensure that all restricted building work is carried out by a Licensed Building Practitioner.

All installation and commissioning work shall be carried out by experienced and competent installers, familiar with the specified products and installation techniques, in accordance with the manufacturer's installation requirements and as shown on the drawings. All work shall be such as to leave a neat, efficient and robust installation. Do not install damaged or defective products.

Electrical wiring (by others) shall be carried out by a qualified electrician in accordance with the electrical standards and regulations

6. DELIVERY & HANDLING



Commercial Door Solution Specialists

Store AceDoors Commercial Door System components and accessories undercover on a flat, level surface off the floor as recommended by the manufacturer. Keep dry and protect from damage and contamination at all times.

Handle AceDoor products in accordance with the manufacturer's requirements to avoid scratching, distortion or other damage.

7. INSTALLATION

Installation shall be in accordance with best practice health and safety procedures.

'HushShutter' Roller Shutter Door

Install and commission 'HushShutter' Roller Shutter Doors to the required operation and functionality in accordance with AceDoors installation requirements and Steel Fixing Set-out drawings, complete with drive system and controls and accessories as necessary and as selected. To doors wider than 5500mm, install 'HushShutter' Windlock Guides.

Installation tolerances shall not exceed AceDoors recommendations, door guides shall be plumb and parallel, head roller shall be true to level.

Electrical Connection by others not by Ace Door Systems Ltd.

8. COMPLETION

Check that AceDoors Commercial Door Systems have been installed correctly and have been commissioned to the required operating functionality. Check for damage and faults, replace or repair as necessary.

Remove all rubbish and excess material from site

Issue to the Owner a copy of the manufacturer's maintenance requirements and a copy of the AceDoors Product and Installation Warranties when commissioning is completed.