



FOLDING CLOSURES } ROLLER GRILLES } ROLLER SHUTTERS

12mm Roller Grille – Standard Model

Roller Shutters and Grilles

PART 1 - GENERAL

1.01 SUMMARY

- Section Includes: Manual Aluminum Roller Security Door.
- Related Sections: Motorised Roller Shutters and Grilles, framing detail, plan and elevation layout and other miscellaneous structural or finish work is in the scope of work of other sections.

1.02 SUBMITTALS

- Product Data: Includes published data and specific data prepared for this project.
- Shop Drawings: Include detailed plans, elevations, required clearances and accessories.
- Installation instructions.
- Quality Assurance Requirements:
 - Manufacturer qualifications.
 - Installer qualifications.
 - Certificates.

1.03 QUALITY ASSURANCE

- Manufacturer Qualifications: Minimum of three years experience in the fabrication and installation of Security Doors.
- Installer Qualifications: Authorized representative of the manufacturer.
- Producers Statement stating that materials and finishes comply with specifications on completion.
- Pre-Installation Meeting: Arrange a pre-installation meeting just prior to commencement of construction to establish requirements, completed measurements, health and safety requirements on site and all information required for smooth supply and installation of doors.

1.04 DELIVERY, STORAGE AND HANDLING

- Deliver materials in labeled protective packaging.
- Check for damage upon signing for receipt of door. Follow freight company procedures if damage evident. Refer to Scotty Doors freight procedures.

1.05 WARRANTY

- Limited Warranty: One year from the time of installation for defective materials and workmanship.

PART 2 - PRODUCTS

2.01 MANUFACTURER

Scotty Doors Ltd
37 Forge Rd
Silverdale
Auckland 0944.

P O Box 264
Silverdale, Auckland 0944
www.scottydoors.com email: Scotty.doors@xtra.co.nz
Ph: 0800 760 687 Ph: 09 426 3899 Fax 09 426 3988



FOLDING CLOSURES } ROLLER GRILLES } ROLLER SHUTTERS

2.02 MODELS AND MATERIALS

- Model: Standard 12mm Roller Grille
- Curtain: Horizontal 12.7mm Aluminium tubes connected by nylon links into a brickwork pattern. Screen rigidity is increased by incorporating 3 tubes per row of links, Nylon end caps prevent metal on metal contact in door tracks.
- Bottom Bar: Extruded Aluminium Section concealing 2 way double sided deadlock and allowing keyed access from either side. Locking can be positioned off centre if requested to avoid obstructing tills, posts etc.
- Guides: Extruded Aluminium channel 25mm wide x 50mm deep, fixed conventionally behind door jambs or recessed into wall. Flared at top for smooth entry at screen.
- Barrel: 200mm diameter door drum for minimal deflection of door screen across opening. Torsion springs calculated to balance screen weight for lightweight operation.
- Standard Finish: Satin Silver Anodised Aluminium. Powder coating of a wide range of colours available as an optional extra. Black or Silver Links are available
- Maximum recommended size for manual doors is 4000 wide x 3000 high. Contact Scotty Doors for recommendations over this size.

PART 3 - EXECUTION

3.01 EXAMINATION

- Examine supports and other conditions under which Doors are to be installed.
- Coordinate with responsible entity to correct unsatisfactory conditions and do not proceed with installation until conditions are corrected.

3.02 INSTALLATION

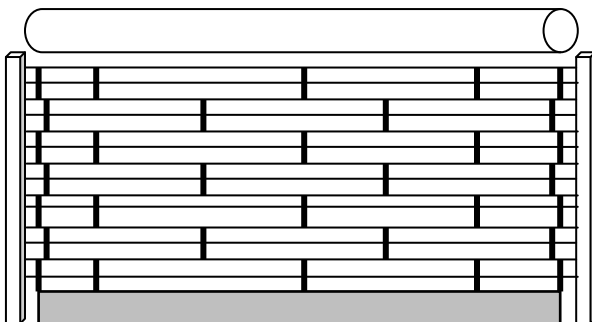
- Follow manufacturer's installation instructions and approved shop drawings.

3.03 ADJUSTING AND CLEANING

- Test operation of Door and adjust as necessary to provide smooth and proper operation.
- Clean exposed surfaces using manufacturers recommended cleaning instructions.

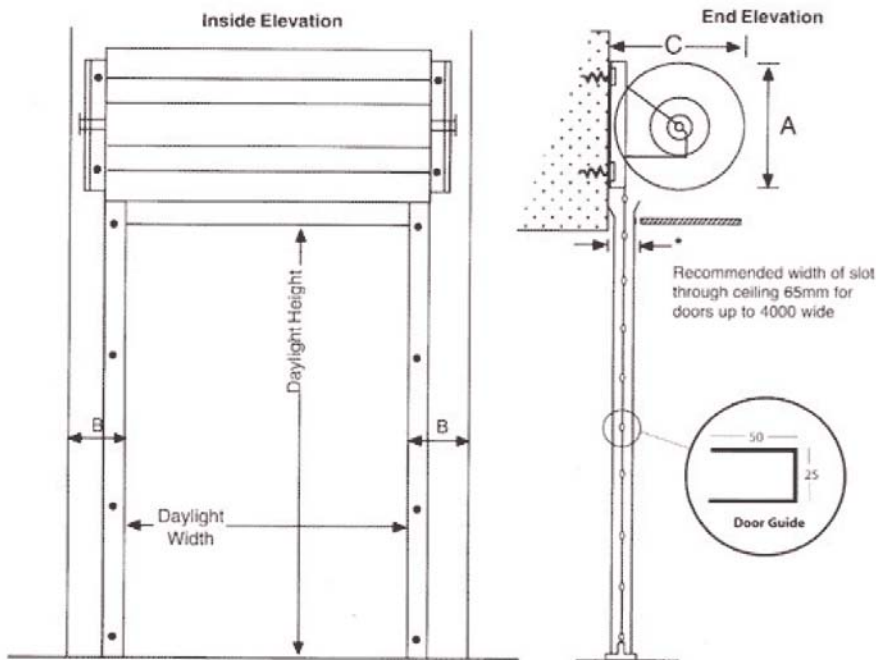
DEMONSTRATION

- Instruct Owner's personnel in proper operating and maintenance procedures.



PART 4 - LAYOUT

The following elevation drawings and table define the typical layout size requirements for the Polycarbonate Roller Shutter. Maximum recommended size for manual doors is 3600 wide x 3000 high. Contact Scotty Doors for recommendations over this size, for all other size and dimension requirements please contact Scotty Doors.



| | HEADROOM A | SIDEROOM B | PROJECTION C |
|-----------------------------------|------------|------------|--------------|
| Doors up to 3000mmspring balanced | 400 | 100 | 400 |
| Motorised | 400 | 150 | 650 |
| Mullions - refer to data sheets | | | |

Please visit www.scottysdoors.com for more technical information including CAD and PDF drawings, datasheets and brochures.