

ROLLER SHADES

1. GENERAL

1.1 Submittals

- .1 Shop Drawings: Show shade arrangements, layout, location within window framing, controls, fixing devices and method of installation.
- .2 Sample: Duplicate 300 mm x 300 mm sample of each type of shade fabric.

2. PRODUCTS

2.1 Manual Roller Shades

- .1 Operation: Manual chain and roller operated system, incorporating an adjustable slip clutch to control rate of fall.
- .2 Chain: Continuous loop of stainless steel beads, capable of resisting 400 N pull.
- .3 Bracket Operating Assembly: 3 mm steel bracket and injection moulded delrin components assembled on 11 mm diameter welded steel shaft. Provide wall, jamb or ceiling mounting and centre brackets as required. Reversible for left-hand or right-hand operation.
- .4 Shade Roller: Extruded 6063 T6 aluminium tube, sized to suit operating system with asymmetrically shaped mounting channels to which a matching snap-in vinyl spline can be mounted.
- .5 Shade Spline: Extruded vinyl with asymmetrical insertion locking channels and embossed shade guide.
- .6 Tube and plug-and-pin assembly shall be tapered to assure alignment and shade edge protection.
- .7 Fascia: 1.6 mm extruded aluminium, designed to snap on to shade mounting bracket assembly with concealed fastening devices. Provide removable fascia filler to bridge window mullions where indicated.
- .8 Sizes: See table below for blinds rough opening sizes.

Room No.	Name	Width of RO	Height of RO	Number of Blinds
2nd Floor				
221	Reception	1015mm	1815mm	6
224	General Office No.1	1015mm	1815mm	4
225	Office No. 1	1015mm	1815mm	2
226	Office No. 2	1015mm	1815mm	2

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3rd Floor				
323	Office No. 1	1015mm	1815mm	2
324	Office No. 2	1015mm	1815mm	2
325	Office No. 3	1015mm	1815mm	2
326	Office No. 4	1015mm	1815mm	2
337	Corridor No. 4	1015mm	1815mm	1
349	Lunch Room	1015mm	1815mm	9
		913mm	1815mm	1
		730mm	1815mm	1
348	Technicians	1578mm	1070mm	2
343	Informal Meeting	1565mm	1815mm	2
		1525mm	1815mm	2

Note: Rough opening sizes are approximate. Blinds Contractor to verify all dimensions on-site.

2.2 Shade Fabric

- .1 Sun Control Fabric: Heat seal, non-ravelling, 0.76 mm single thickness vinyl fabric woven from 0.46 mm diameter extruded vinyl yarn of 21% polyester and 79% reinforced vinyl, 3% open bi-directional, colour to be selected from manufacturer's standard offering.
- .2 Fabrication: Square with shade spline for fastening directly to shade roller. Seal single length mill finished aluminium flat hembar within hem. Reinforce fabric with heat sealed spring tempered stainless steel batten stiffeners at 900 mm centers.

2.3 Finishes

- .1 Finish exposed to view aluminium and steel components in baked-on enamel, white colour.
- .2 Finish exposed to view aluminium components in clear anodized coating.

3. EXECUTION

3.1 Installation

- .1 Securely install work, accurately aligned and free of sag.
- .2 Coordinate installation and fastenings with window and ceiling trades, and trades providing adjacent finishes.
- .3 Provide, as part of work of this Section, custom trim components including gypsum board and tee bar trim items to accommodate adjacent ceiling systems and finishes to approval of Contract Administrator.

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- .4 Install shades in accordance with Manufacturer's instructions and as indicated, in true, flat planes.

3.2 Adjustment and Cleaning

- .1 Adjust shades for smooth operation and correct alignment. Clean shades and remove finger marks and smudges from shades and adjacent surfaces. Leave shades in raised position at completion of work of this Section.
- .2 Clean and make good surfaces soiled or otherwise damaged in connection with work of this Section. Pay cost of replacing finishes or components that cannot be satisfactorily cleaned.

END OF SECTION