

**SECTION 12210
WINDOW BLINDS**

PART 1 - GENERAL

1.1 SUMMARY

- .1 Provide horizontal aluminum blinds to all exterior windows and interior sidelites.

1.2 SUBMITTALS

- .1 Submit in accordance with Division 1 Submittal Procedures.
- .2 Product Data: Submit data covering the care and cleaning of blinds and drapery for incorporation into maintenance manuals.
- .3 Samples: Submit duplicate samples of manufacturer's standard colours for Consultant's selection.

1.3 QUALITY ASSURANCE

- .1 Qualifications of Installer: Minimum of five (5) years proven experience in this type of work and acceptable to the manufacturer for installation of their products.
- .2 Mockup: Install one unit of each type of window treatment, in location directed by Consultant.

1.4 DELIVERY, STORAGE AND HANDLING

- .1 Deliver blinds and drapes to site in accordance with construction schedule when floor and ceiling finishes and overhead work has been completed.
- .2 Store in a location protected from damage by other sections of the work.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- .1 Subject to compliance with specifications the following manufacturers are acceptable.
 - .1 Hunter Douglas.
 - .2 Levelor.
 - .3 Abbey
 - .4 Pre-approved alternative.

2.2 HORIZONTAL BLINDS

- .1 Horizontal Louvre Blinds: 25 mm (1") width spring-tempered aluminum alloy, with rounded corners and rough edges and burrs removed. Levelor, Hunter Douglas, Abbey or approved equal.
 - .1 Headrails: One-piece steel channel with rolled edges, formed to provide sufficient strength to support blind without sagging, twisting or distorting. Metal 24 ga minimum.
 - .2 Finish: Factory-applied coating capable of withstanding 5% of salt spray solution of 35 oC for 100 hours without blistering and corroding after a 30 minute recovery period; capable of withstanding 300 hours exposed in humidity cabinet without blistering and corroding after a 30 minute recovery period.
- .2 Valence: Same material and colour as blinds.

2.3 FABRICATION

- .1 Fabricate units to fit the openings indicated, from head to sill, and from mullion to mullion. Size to allow smooth operation of the unit.
- .2 Fabricate elements to integrate with adjacent construction.

2.4 BLIND FINISHES

- .1 Exposed Metal: Factory applied coating capable of withstanding 5% salt spray solution at 35 oC for 100 hours without blistering, corroding, chalking, changing colour and without loss of gloss or adhesion after 30-minute recovery period; and capable of withstanding 300 hours exposure in humidity cabinet without

blistering, chalking, corroding, loss of gloss or change in colour after 30-minute recovery period. Apply to exposed metal including edges.

- .2 Colour: As selected by the Consultant from manufacturer's standard range.
- .3 Finish: Aluminum finish.

PART 3 - EXECUTION

3.1 INSTALLATION – BLINDS

- .1 Install blinds and hardware in accordance with manufacturer's directions. Locate controls as directed by the Consultant.
- .2 Install blinds square, true-to line, with operable parts adjusted for smooth operation. Include centre brackets where necessary to prevent deflection of headrail.
- .3 Adjust to provide for operation without binding.
- .4 Use non-corrosive metal fasteners for installation, concealed in final assembly.

END OF SECTION