
Partie 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 06 10 00 – Rough Carpentry, for nail backing.
- .2 Section 06 20 00 – Finish Carpentry, for wood railings.
- .3 Section 09 21 16 – Gypsum Board Assemblies.
- .4 Section 09 22 16 – Non-structural Metal Framing.

1.2 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Samples:
 - .1 Submit samples in accordance with Section 01 33 00 - Submittals.
 - .2 Submit duplicate 300 mm long samples wall guards, as indicated.
- .3 Manufacturer's Instructions:
 - .1 Submit manufacturer's installation instructions.

1.3 SHOP DRAWINGS

- .1 Submit shop drawings in accordance with Section – Submittals.
- .2 Indicate on drawings large scale details, materials, finishes, dimensions, anchorage and assembly.

1.4 QUALITY ASSURANCE

- .1 Certificates: Submit product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements.
- .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3 Packaging Waste Management: remove for reuse and return by manufacturer of pallets, crates, padding, packaging materials as specified in Construction Waste Management Plan in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

1.6 ACCEPTABLE PRODUCTS AND MATERIALS

- .1 Where a particular brand name is stipulated, see Instructions to Bidders for procedure for requesting approval of substitute materials and products

Partie 2 Products

2.1 MATERIALS

- .1 Metal corner guards:
 - .1 **PA1**, metal corner guards (“L”-shaped): 75 mm x 75 mm x 2135mm high and 0.8 mm thick, type 302 or 304 satin stainless steel, with protective paper cover, flush surface, adhesive mounted.
 - .2 **PA2**, wall bumper guard (“U”-shaped): 75 mm x partition thickness x 75 mm x 2135mm high and 0.8 mm thick, stainless steel, type 302 or 304 satin stainless steel, with protective paper cover, flush surface, adhesive mounted.
 - .3 **PA3**, metal corner guards (“L”-shaped): 75 mm x 75 mm x 1220mm high and 0.8 mm thick, start installation 100 mm from finished floor, type 302 or 304 satin stainless steel, with protective paper cover, flush surface, adhesive mounted.
- .2 **PM**, wall guards: 152 high x 32 mm thick, PETG, to indicated profiles, assorted end caps, continuous aluminum retainer, with continuous recycled PETG cushion, surface mounted, mechanically attached, colour indicated or selected by Departmental Representative. Install at 915 mm (centreline) above finished floor level.
 - .1 PETG guards 1.98 mm thick.
 - .2 Extruded aluminum retainer 6063-T5, 1.57 mm thick.
 - .3 Fasteners non-corrosive and compatible with base, equipped with rings as needed.
 - .4 Continuous PETG cushion 13 mm thick.

Partie 3 Execution

3.1 EXAMINATION

- .1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable for wall and corner guards installation in accordance with manufacturer's written instructions.
 - .1 Visually inspect substrate in presence of Departmental Representative.
 - .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
 - .3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from Departmental Representative.

3.2 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.3 INSTALLATION

- .1 Install units on solid backing and erect with materials and components straight, tight and in alignment.

- .2 Mechanically fasten wall guards at centre recommended by manufacturer and as indicated on drawings, straight and level to variation plus or minus 3 mm over 3000 mm straight edge, non-cumulative.
- .3 Adhere corner guards to substrate as indicated by manufacturer.

3.4 CLEANING

- .1 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.
- .2 Clean surfaces after installation using manufacturer's written recommended cleaning procedures.

END OF SECTION