

Part 1 General

1.1 REFERENCES

- .1 ASTM International
 - .1 ASTM B221-14/B221M-13, Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
- .2 American National Standards Institute (ANSI)
 - .1 ANSI A135.4-2012, Basic Hardboard Standard.

1.2 SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for tackboards; include product characteristics, performance criteria, physical size, finish and limitations.
- .3 Installation Drawings:
 - .1 Submit installation drawings.
 - .2 Indicate location, type, size, panel arrangement, backing, hardware, anchor or mounting details, frame or trim and accessories.
- .4 Samples:
 - .1 Submit duplicate manufacturer's sample of tackboard.

1.3 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store, and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2 Deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3 Storage and Handling Requirements:
 - .1 Store materials off ground, indoors in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect tackboards from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.

Part 2 Products

2.1 MATERIALS

- .1 Laminating adhesive: To manufacturer's standard.
- .2 Mounting adhesive: To manufacturer's standard.
- .3 Joint reinforcement: Concealed mechanical jointing system to provide straight, rigid, continuously supported, tight butt, flush joints at surface.
- .4 Anchor clips, brackets and fasteners: Concealed type.
- .5 Facing: Linoleum single layer composite sheet of cork dust, linseed, and binders with burlap backing; self-healing.
 - .1 Facing thickness: Minimum 6 mm.
 - .2 Density: 4.7 kg/m².
 - .3 Colour: As selected by Departmental Representative.
- .6 Backing: Hardboard to ANSI A135.4, 6 mm thick.

2.2 COMPONENTS

- .1 Tackboard trim: Perimeter trim or frame, of manufacturer's standard sections appropriate for installation conditions.
 - .1 Extruded aluminum: To ASTM B221, minimum 1.5 mm wall thickness, clear anodized finish.

2.3 FABRICATION

- .1 Fabricate tackboard panels to sizes indicated.
- .2 Factory laminate tackboards consisting of linoleum facing sheet with hardboard backing.
- .3 Wrap around edges and fasten to back face.
- .4 Make finished panels flat and rigid and fit with joint reinforcement.
- .5 Overlap trim 6 mm onto panels.
- .6 Factory fit assemblies too large for shipment to site in one piece, disassemble for delivery and site assembly.

Part 3 Execution

3.1 EXAMINATION

- .1 Verify that conditions of substrate are acceptable for tackboard installation in accordance with manufacturer's written instructions.

- .1 Visually inspect substrate.
- .2 Inform Departmental Representative of unacceptable conditions.
- .3 Proceed with installation only after unacceptable conditions have been remedied.

3.2 MANUFACTURER'S INSTRUCTIONS

- .1 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 tackboards in accordance with manufacturer's instructions, parallel to floor with uniform vertical surface, plumb and level, to provide rigid, secure surface.
- .2 Install trim and framing around tackboard panels. Make mitres and joints to hair-line fit, free of rough edges. Use concealed brackets to reinforce and hold joints tight and flush. No exposed fasteners are permitted. Overlap trim 6 mm onto panels.
- .3 Mechanical attachment:
 - .1 To concrete or solid masonry use lag screw and expansion bolts or screws and fibre plugs as appropriate for stresses involved.
 - .2 To hollow masonry use toggle bolts or equivalent.
 - .3 To wood or sheet metal use screws. Secure into framing members in stud walls.

3.4 CLEANING

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
 - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
- .3 Waste Management: Remove waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

3.5 PROTECTION

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by tackboard installation.

END OF SECTION

Part 1 General

1.1 SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for corner guards; include product characteristics, performance criteria, physical size, finish and limitations.
 - .2 Submit WHMIS MSDS. Indicate VOC's for adhesives.
- .3 Installation Drawings:
 - .1 Indicate on drawings large scale details, materials, finishes, dimensions, anchorage and assembly.
- .4 Samples:
 - .1 Submit duplicate manufacturer samples of profiles for corner guards.

1.2 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store, and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2 Deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3 Storage and Handling Requirements:
 - .1 Store materials indoors in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect corner and end guards from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.

Part 2 Products

2.1 CORNER AND END GUARDS

- .1 Corner and End Guards: Surface mounted, 38 mm leg, 3 mm (1/8 inch) radius, edge burrs removed.
 - .1 Material: Minimum 18 gauge, stainless steel, type 304.
 - .2 Finish: Satin finish, grain oriented parallel with length.
 - .3 Height: From top of base to 1200 mm AFF.
 - .4 Fastening: Adhered.

2.2 ACCESSORIES

- .1 Adhesive: Water resistant type as recommended by manufacturer for substrate.

Part 3 Execution

3.1 EXAMINATION

- .1 Verify that conditions of substrate are acceptable for corner and end guard installation in accordance with manufacturer's written instructions.
 - .1 Visually inspect substrate.
 - .2 Inform Departmental Representative of unacceptable conditions.
 - .3 Proceed with installation only after unacceptable conditions have been remedied.

3.2 MANUFACTURER'S INSTRUCTIONS

- .1 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 Adhere corner and end guards at locations as indicated.

3.4 CLEANING

- .1 Waste Management: Remove waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

3.5 PROTECTION

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by corner and end guard installation.

END OF SECTION