

Eliminator Track System

MR-MANUFACTURER

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Chicago Metallic is an industry leader in roll forming suspension systems for acoustical ceilings and Decorative Metal ceiling products for Commercial, Institutional, and Industrial Building Markets. With manufacturing plants in Chicago, Illinois; Baltimore, Maryland; Los Angeles, California; and Antwerp Belgium, Chicago Metallic has the capacity to provide an extensive line of quality products worldwide.

Chicago Metallic is a division of the Chicago Metallic Corporation.

PP-PRODUCT PRESENTATION

The Eliminator Track is an innovative method of integrating drywall framing and acoustical grid ceilings. It produces a better looking ceiling/wall intersection and can reduce labor costs an estimated 20 to 30 percent.

The track is manufactured from 25 gage steel. The white exposed flange on the Eliminator Track functions as a finished wall angle which matches the existing grid system.

TS-TECHNICAL SUPPORT

Specification Guidelines for the Eliminator Track System

Section 09260 - Gypsum Board Systems

PART 1 - GENERAL

1.01 Section Includes

Provide top track framing member - designed to support 25 gage (2-1/2" or 3-5/8") studs in all non-load bearing interior walls and partitions.

1.02 Related Sections

- A. Section 07200 - Building Insulation
- B. Section 08100 - Metal Doors & Frames
- C. Section 08700 - Hardware
- D. Section 09510 - Suspended Acoustical Ceilings
- E. Section 09900 - Painting
- F. Section 09950 - Wall Coverings
- G. Section 10600 - Partitions

1.03 References

- A. American Society for Testing and Materials (ASTM)
 - 1. E119 - Standard Methods for Fire Tests of Building Construction and Materials.
 - 2. A568 - Specifications for General Requirements for Steel, Carbon and High Strength Low Alloy Hot Rolled Sheet and Cold Rolled Sheet.

3. C635 - Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings.
 4. C636 - Standard Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels.
 5. C645 - Standard Specifications for Non-load (AXIAL) Bearing Steel Studs, Runners (TRACK), and Furring Channels for Screw Application of Gypsum Board.
- B. Southwest Research Institute One Hour Fire Test Number 01-2602-620.

1.04 Submittals

- A. Product data sheets listing dimensions and standard compliance.
- B. Samples: 12 inch long samples of Eliminator Track™.

1.05 Project Conditions

- A. Environmental Requirements:
 1. Verify weathertightness of area to receive Eliminator Track™ prior to installation.
 2. Wet trades work to be thoroughly dry and complete prior to Eliminator Track™ installation.
 3. Installation to begin only when temperature and humidity conditions closely approximate interior conditions that will exist when area is completed and occupied.
 4. Heating and air conditioning systems to be operating prior to, during, and after installation.

PART 2 - PRODUCTS

2.01 Manufacturer(s)

Chicago Metallic Eliminator Track™ top track framing member system.

2.02 Metal Support Materials

- A. Eliminator Track™:
 1. Manufactured from 25 gage steel (2-1/2") (3-5/8") wide by 12' long with factory punched stud slots spaced 8" on center.
 2. Coated with factory-applied baked-on white enamel paint finish.
 3. Provide manufacturer's corner pieces (90 degree) (135 degree), end caps (2-1/2") (3-5/8"), and splice plates (2-1/2") (3-5/8") as needed for a complete Eliminator Track™ system.
- B. Stud and Track:
 1. All framing members to be formed from corrosion resistant steel which is zinc-coated.
 2. Studs: 25-gage by (2-1/2") (3-5/8") deep cold-rolled steel.
 3. Track: 25-gage by (2-1/2") (3-5/8") wide cold-rolled steel.

2.03 Gypsum Board Products

- A. General:
 1. Sheet size: Standard 48-inch width and maximum length that can be handled.
 2. Thickness: (1/2") (5/8") as indicated.
- B. Gypsum Board (also known as gypsum wallboard):
 1. Regular type unless otherwise indicated on drawings, with tapered long edges.
 2. Type X Core (Fire retardant).
 3. Screws: Type S, sized to suit thickness.
 4. Drywall adhesive.
 5. Sealant

2.04 Trim Accessories

- A. General: Manufacturer's standard galvanized steel beaded or extruded vinyl units with flanges for concealment in joint compound, including corner beads, casing beads, edge trim

- and other accessories where indicated or required.
- B. Base: 4" high snap-on/off style.

2.05 Joint Treatment Materials

- A. General: Provide type recommended by the manufacturer for the application indicated; in the case of conflict, include the following:
1. Joint Tape: Perforated type.
 2. Joint compound: Ready-mixed vinyl type for interior use; 2 separate grades, one specifically for bedding tapes and filling depressions, and one for topping and sanding.

PART 3 - EXECUTION

3.01 Examination

- A. Examine area receiving Eliminator Track™ system to identify conditions which will adversely affect installation. Do not begin installation until adverse conditions have been remedied.

3.02 Installation of Metal Support Systems

- A. General: To the extent not otherwise indicated, comply with the Gypsum Association and manufacturer's instructions.
- B. Provide concrete anchors, hanger clips, and other installation accessories as required.
- C. Installation for partitions:
1. Eliminator Track™: Attach directly to suspended acoustical ceiling using either screws, Velcro®, clips or foam tapes placed where they will be concealed when partition is completed.
 2. Floor Track: Secure to floor using screws, Velcro®, or foam tapes that will not damage existing floor coverings.
 3. Studs: Install top of stud through hole in Eliminator Track™ and twist them into position vertically with open sides facing the same direction (16") (24") on center. Secure to runners with screws and fasten at door and window frames, partition intersections and corners. Extend partition studs to structural support above, when indicated on drawings.
 4. Door Frames: Install additional jamb studs at door frames to provide not less than two studs at each jamb. Space jack studs over door frames at same spacing as partition studs.
 5. Install sound attenuation blankets where shown on drawings, pressure-fit between studs.

3.03. Gypsum Board Installation

- A. General Standards: Comply with manufacturer's instructions and requirements, also to Southwest Research Institute requirements for any fire resistance ratings.
- B. Apply sealant to the top 2" front and back of gypsum board and along the raw edges to prevent moisture penetration.
- C. Install wall/partition boards vertically to avoid end-butt joints, wherever possible. If boards are installed horizontally, end joints are butted at studs and staggered at least 16".
- D. Screw attach gypsum board at all corners to studs and track on 12" intervals along top and side perimeters. All other studs glue attach to gypsum board with small dabs of drywall adhesive.

3.04 Installation of Drywall Trim Accessories

- A. General: Where feasible, use the same fasteners to anchor trim accessory flanges as used to fasten gypsum board to the supports. Otherwise, fasten flanges by nailing in accordance with manufacturer's instructions and recommendations.
- B. Install metal corner beads at external corners of drywall work.

- C. Install metal edge (casing) trim whenever edge of gypsum board abuts other construction and/or would otherwise be exposed or semi-exposed.
- D. Install 4" high snap-on/off base along bottom of gypsum panels.

3.05 Installation of Drywall Finishing

- A. General: Replace all protruding fasteners. Apply treatment at gypsum board joints (both directions), flanges of trim accessories, penetrations, fastener heads, surface defects, and elsewhere as required. Provide smooth surface to prepare work for painting or finishing as specified in Section 09900.
- B. Pre-filling: All 'V' grooves formed between gypsum panels shall be filled flush with surface of taper. Remove any excess compound applied beyond groove.
- C. Embedding Tape: Apply a continuous coat of joint compound to joint formed by tapered edges of panels. Center and lightly press joint tape into fresh compound and embed by holding a broad knife at an angle and drawing knife along joint. Tape to be properly folded and embedded to provide true angle. Immediately follow with a skim coat over tape.
- D. Filling Coat: When taping compound has dried, apply compound filling taper flush to finish surface.
- E. Finishing Coat: When filling coat is dry, apply finishing coat, extending 2" beyond topping coat and tapered edge and feather to a smooth, uniform finish.
- F. Finishing End Joints: Finish as above, except fill coat shall cover tape and feather out at least 4 inches on either side of tape.
- G. Sanding: Sanding shall be done at a minimum, between filling and finishing joints and after finish coat.

3.06 Partition Removal & Relocation

- A. Remove snap-on/off baseboard to expose taped joints.
- B. Remove tape by pulling tape from the floor upward to expose screws, then remove tape along top edge and corners to expose screws.
- C. Remove all screws to provide for detachment of gypsum wallboard.
- D. Remove gypsum panels.
- E. Remove studs and track and relocate partition according to installation instructions.