
 SPECIFIER NOTE: The information provided below is intended to guide the Architect in developing specifications for products manufactured by RStud, LLC. and should not be viewed as a complete source of information about the product(s). Refer to MANUFACTURER'S Product Data for additional recommendations and for safety information.

 THIS SPECIFICATION INCLUDES OPTIONS AND CHOICES WITHIN THE TEXT. EDIT ACCORDINGLY.

SECTION 09 22 16
 NON-STRUCTURAL METAL STUD FRAMING

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Metal stud interior partition framing.
- B. Related Sections:
 - 1. Division 01: Administrative, procedural, and temporary work requirements.

1.2 REFERENCES

- A. ASTM International (ASTM):
 - 1. A591/A591M - Standard Specification for Steel Sheet, Electrolytic Zinc-Coated, for Light Coating Weight (Mass) Applications.
 - 2. A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process.
 - 3. A1003/A1003M - Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members.
 - 4. C645 - Standard Specification for Non-Load (Axial) Bearing Steel Studs, Runners (Track), and Rigid Furring Channels for Screw Application of Gypsum Board.
 - 5. C754 - Standard Practice for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Wall board, Backing Board, or Water-Resistant Backing Board.
 - 6. E90 - Standard Test Method for Airborne Sound Transmission Loss of Building Partitions.
 - 7. E119 - Standard Test Methods for Fire Tests of Building Construction and Materials.
 - 8. E413 - Standard Test Method for Classification for Rating Sound Insulation.
- B. Underwriters Laboratories, Inc. (UL) - Fire Resistance Directory.

1.3 SUBMITTALS

- A. Submittals for Review:
 - 1. Product Data: Illustrate framing types, gages, and locations.

- B. Quality Control Submittals:
 - 1. Test Reports: Certified test results from an independent testing laboratory demonstrating compliance with Building Code requirements.

C. Sustainable Design Submittals:

- 1. Recycled Content.
- 2. Regional Materials.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum [] years [documented] experience in work of this Section.
- B. Fire Resistance Ratings:
 - 1. Construct assemblies to achieve fire resistance ratings [indicated on Drawings,] [scheduled at end of Section,] tested in accordance with ASTM E119.
 - 2. If requirements of assembly numbers referenced conflict with Contract Document requirements, conform to assembly requirements.
- C. Acoustic Ratings: Construct assemblies to achieve acoustic ratings [indicated on Drawings,] [scheduled at end of Section,] tested to ASTM E90 and classified in accordance with ASTM E413.
- D. Deflection Limits: Limit deflection of partitions to following limits, based on [5] [] PSF uniform design load.
 - 1. Partitions to receive [tile:] [plaster:] [cut stone:] [L/240.] [L/360.] [].]
 - 2. Other partitions: [L/120.] [].]
- E. Limiting Stud Heights: Do not exceed heights listed in manufacturer's limiting height tables based on stud size, gage, and applied load.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by R-Stud. (www.rstud.com). Tel: (503) 462-3990. Rep: Dave Sommer Tel: (206) 226-2311 cell Email: dave@interra-facade.com.
- B. Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 MATERIALS

- A. Steel: ASTM A653/A653M or ASTM A1003/1003M, Class [G40] [] hot dip galvanized.
- B. Recycled Content: Minimum [] percent, with minimum [] percent classified as post consumer.

2.3 COMPONENTS

- A. Provide components in accordance with ASTM C645.

- B. Studs: Non-load bearing roll-formed steel, C-shaped, with supplemental openings located at every foot along length.
- C. Top and Bottom Tracks:
 1. Same material and finish as studs, C-shaped.
 2. Standard track: Stud track profile, [1-1/4] [1-1/2] [1-5/8] inch legs.
 3. Deep leg track: Deep stud track profile, [2] [] inch legs.
 4. Deflection compensation: Punch slots into studs to permit plus or minus [1/2] [] inch movement of overhead structure without damage to partition.

2.4 ACCESSORIES

- A. Fasteners: [3/8] [] inch long pan head screws.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with ASTM C754 and manufacturer's instructions.
- B. Attach top and bottom tracks at ends and [24] [] inches on center maximum.
- C. Position studs vertically in tracks, spaced maximum [16] [] inches on center unless indicated otherwise.
- D. Provide deflection compensation at head of partitions extending to structure.
- E. Locate studs maximum [2] [] inches from door frames and abutting construction.
- F. Use heavier gage studs or double studs on both sides of openings in partitions.
- G. Install horizontal track as header above openings in partitions. Install studs from header to top track.
- H. Brace furred partitions at mid height.
- I. Provide wood or metal bracing in partitions to receive and support fixtures, trim, accessories and other applied items.
- J. Brace ceiling height partitions to structure at [48] [] inches on center maximum.

3.2 SCHEDULE

MARK	DESCRIPTION	FIRE RATING - HOURS	FIRE TEST ASSEMBLY NO.	ACOUSTIC RATING - STC	ACOUSTIC TEST ASSEMBLY NO.
A1	Typical Interior Partition	N/A	N/A	54	Intertec 102332762CRT-001h

B1	Unit Demising Walls	1	Intertec 101813281C OQ-001	N/A	
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END OF SECTION