

SECTION 09 21 20

GYP SUM BOARD VINYL TRIM AND ACCESSORIES

This section includes vinyl trim and finish accessories for gypsum board assemblies as manufactured by Trim-Tex Inc.

Trim-Tex Inc. is located at 3700 W. Pratt Avenue, Lincolnwood, IL 60712-2508; Tel: 800.874.2333; Fax: 800.644.0216; web site www.trim-tex.com

Manufacturing of product is performed in Lincolnwood IL, a suburb of Chicago.

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawing and general provision of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section

1.2 SUMMARY

- A. Section includes:
 - 1. Vinyl trim for gypsum board.
 - 2. Accessories.
 - 3. Joint treatment for trim.
- B. Related Sections:

Specifier's Note: Retain 1st item below for LEED projects only.

- 1. Section 01 81 13 – Sustainable Design Requirements
- 2. Section 07 21 16 - Blanket Insulation: [Acoustic] [Thermal] insulation.
- 3. Section 09 21 16 – Gypsum Board Assemblies: Gypsum board; taping and finishing of gypsum board; [acoustic insulation] [gypsum board ceiling suspension system].
- C. South Coast Air Quality Management District:
 - 1. SCAQMD Rule 1168 - Adhesive and Sealant Applications.

1.3 PERFORMANCE REQUIREMENTS

- A. Self Extinguishing: Shall not continue to support combustion once flame source is removed.

- B. Meet or exceed following ASTM Standards:
 1. ASTM C 1047 - Standard Specification for Accessories for Gypsum Wallboard.
 2. ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPCV) Compounds.
 3. ASTM D 3678 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Interior-Profile Extrusions.
- C. Impervious to rust, galvanic corrosion and electrolysis.

1.4 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures

 For LEED projects delete paragraph above and retain paragraph below.

- B. Section 01 33 00 - Submittal Procedures and Section 01 81 13 – Sustainable Design Requirements: Submittal procedures.
- C. Action Submittals:
 1. Product Data: Submit data on vinyl trim and accessories.
 2. Trim Accessories: Full-size Sample in 12 inches (300 mm) long length for each trim accessory indicated.

 Specifier's Note: Retain following for LEED projects only.

- D. Information Submittals:
 1. LEED Data: provide satisfactory documented submittals, to permit application and certification to achieve LEED Rating System specified in Division 1.
 - a. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
 - b. Materials Resources Certificates:
 - 1) Certify recycled material content for recycled content products.
 - 2) Certify source for local and regional materials and distance from Project site.
 - c. Indoor Air Quality Certificates:
 - 1) Certify volatile organic compound content for each interior [adhesive] [and] [sealant] and related primer.
 2. Product Cost Data: Submit cost of products to verify compliance with project sustainable design requirements. Exclude cost of labor and equipment to install products.
 3. Provide cost data for the following products:
 - a. Products with recycled material content.

Specifier's Note: Retain following for LEED Projects and only if project is within 500 miles of manufacturing plant at Lincolnwood, IL.

- b. Local and regional products.

1.5 QUALITY ASSURANCE

- A. Perform Work in accordance with [ASTM C840.] [ASTM C1280.] [GA-214, GA-216 [and GA-600].] [_____.]

Retain following for LEED Projects only.

Trim-Tex products are manufactured with more than 50% pos-industrial recycled products.

80% of their raw materials are gathered from within 500 miles of plant.

- 1. Recycled Content Materials: Furnish materials with 50% recycled content.

1.6 DELIVERY STORAGE AND HANDLING

- A. Store in covered area away from direct sunlight.
- B. Stack boxes containing trim members flat to prevent sagging.

PART 2 PRODUCTS

2.1 MANUFACTURERS:

- A. Trim-Tex Inc.
- B. Substitutions: [Submit in accordance with Section 01 60 00 - Product Requirements] [Not Permitted].

2.2 TRIM MEMBERS

- A. Comply with ASTM C1047; PVC plastic.

Specifier's Note: Following trim items are primarily intended for aesthetic design areas. Edit to retain only items required for Project

- B. Crown Moldings:
 - 1. Trim-Tex Inc.; Product – [2 ½ Crown Molding, 6100 series] [3 ½ Crown Molding, 6200 series] [3 ¾ Crown Molding, 6300 series].

- C. Drywall Art Beads:
1. Trim-Tex Inc.; Product – [Double ½” Decorative L bead Style 651] [Double 5/8” Decorative L Bead Style 661] [Decorative L Bead Style 681] [Decorative L Bead Style 691] [Decorative Chair Rail Style 671] [Bull-Rail Style 672].
 2. Trim-Tex Inc.; Product – [¾” R. Bullnose J Round] [350 Bull L Bead] [Chamfer Stop] [L Bead].
- D. J Beads:
1. Trim-Tex Inc.; Product – [J Bead] [Shadow Line J Bead] [Super Seal J Bead] [Mud On J Bead].
- E. Shadow & Reveal Beads:
1. Trim-Tex Inc.; Product - [Shadow Bead] [Reveal Bead].

Specifier's Note: Specify following to recess fiber optic cables. Retain 45 deg. corners when gradual turns are required.

2. Trim-Tex Inc.; Product - 3/8” Fiber Optic Reveal.
 - a. 3/8” Fiber Optic 45 deg. Corners where required.
- F. L Beads
1. Trim-Tex Inc.; Product – L Bead.
 2. Trim-Tex Inc.; Product – [Archway L Bead] [Archway Tear Away].
 3. Trim-Tex Inc.; Product – [Pullaway L Bead] [Tear Away L Bead] [Flat Tear Away] [Super Seal Tear Away].
- G. Oversized L Beads:
1. Trim-Tex Inc.; Product – [Oversized L Beads] [Super L Bead] [Giant L Bead].
 2. Trim-Tex Inc.; Product – [Super Archway L Bead] [Giant Archway L Bead].
 3. Trim-Tex Inc.; Product – Finish Trims.
- H. Fast Caps:
1. Trim-Tex Inc.; Product – Fast Cap.
 2. Trim-Tex Inc.; Product – Archway Fast Cap.
 3. Trim-Tex. Inc; Product – Wall Fast Cap for 2-½” Metal Studs.
- I. Bullnose Caps & Beads:
1. Trim-Tex Inc.; Product – ¾” Bullnose Fast Cap.
 2. Trim-Tex Inc.; Product – ¾” R. Bullnose Archway Fast Cap.
 3. Trim-Tex Inc.; Product - [¾” R. Bullnose Super L Bead] [¾” R. Bullnose Giant L Bead].
 4. Trim-Tex Inc.; Product – [¾” R. Bullnose Super Archway L Bead] [¾” Radius Bullnose Giant Archway L Bead].
- J. Magic Corner, Expansion Beads:
1. Trim-Tex Inc.; Product – Magic Corner.
 2. Trim-Tex Inc.; Product – [093V Expansion] [Hideaway Expansion].

Specifier's Note: Following are intended for use in standard drywall projects. Edit to retain only items required for Project

- K. Acoustical Ceiling Trim;
1. Trim-Tex Inc.; Product – Flex-Grid Angle
 2. Trim-Tex Inc.; Product – Mud On Ceiling Bead.
- L. Wall Termination Trim:
1. Trim-Tex Inc.; Product – Snap Cap.
 2. Trim-Tex Inc.; Product – Drive In Bead.
- M. Corner Beads:
1. Trim-Tex Inc.; Product – Corner Bead.
 2. Trim-Tex Inc.; Product – 90 deg. Inside Corner.
 3. Trim-Tex Inc.; Product – Splayed Corner Bead.
 4. Trim-Tex Inc.; Product – Adjustable Inside Corner.
 5. Trim-Tex Inc.; Product – Archway Corner Bead.
 6. Trim-Tex Inc.; Product – 90 deg. Archway Inside Corner.
 7. Trim-Tex Inc.; Product – Jumbo Corner Bead.
 8. Trim-Tex Inc.; Product – Jumbo Splayed Corner Bead.
 9. Trim-Tex Inc.; Product – Skim Coat Plaster Corner Bead
 10. Trim-Tex Inc.; Product – Jumbo Archway Corner Bead.
 11. Trim-Tex Inc.; Product – Jumbo Double Archway Splayed Corner Bead.
 - a. Provide Chamfer 3 way and Chamfer Adapter and Chamfer Marker as required to make a smooth transition at outside corners.
- N. Bull Beads (350):
1. Trim-Tex Inc.; Product - 350 Bull Corner Bead.
 2. Trim-Tex Inc.; Product - 350 Bull Arch.
 3. Trim-Tex Inc.; Product - 350 Bull Splayed Corner Bead.
 4. Trim-Tex Inc.; Product - 350 Bull Kerfed Bead.
 5. Trim-Tex Inc.; Product - 350 Bull L Bead.
 6. Trim-Tex Inc.; Product - 350 Bull Arched Kerfed Bead.
 7. Trim-Tex Inc.; Product - 350 Bull Arch L Bead.
 - a. Provide Bull accessories for joining above product.
- O. Bullnose Beads (¾"):
1. Trim-Tex Inc.; Product – ¾" R. Bullnose Corner Bead.
 2. Trim-Tex Inc.; Product – ¾" R. Bullnose Archway Corner Bead.
 3. Trim-Tex Inc.; Product – Outside Splayed ¾" R. Bullnose Corner Bead.
 4. Trim-Tex Inc.; Product – Inside Splayed ¾" R. Bullnose Corner Bead.
 5. Trim-Tex Inc.; Product – ¾" R. Bullnose Kerfed Bead.
 6. Trim-Tex Inc.; Product – ¾" Bullnose Kerfed Archway Bead.
 7. Trim-Tex Inc.; Product – ¾" R. Bullnose J Round.
 8. Trim-Tex Inc.; Product – Bull-Rail.
 - a. Provide Bullnose accessories for joining above products.

- P. Bullnose Beads (1-1/2")
1. Trim-Tex Inc.; Product – 1-1/2" R. Bullnose Outside Corner Bead.
 2. Trim-Tex Inc.; Product – 1-1/2" R. Bullnose Archway Corner Bead.
 3. Trim-Tex Inc.; Product – Outside Splayed 1-1/2" R. Bullnose Corner Bead.
 4. Trim-Tex Inc.; Product – Inside Splayed 1-1/2" R. Bullnose Corner Bead.
 5. Trim-Tex Inc.; Product – 1-1/2" R. Bullnose Inside Corner Bead.
 6. Trim-Tex Inc.; Product – 1-1/2" R. Bullnose Kerfed Bead.
 - a. Provide Bullnose accessories for joining above products.
- Q. Pre-finished Wallboard Beads:
1. Corner Guards:
 - a. Trim-Tex Inc.; Product – L Angles; .050" thickness
 - b. Trim-Tex Inc.; Product – L Angles; .125" thickness.
 2. Trim-Tex Inc.; Product – H Bead.
 3. Trim-Tex Inc.; Product – F Bead.
 4. Trim-Tex Inc.; Product – Inside Corner.
 5. Access Door Beads:
 - a. Trim-Tex Inc.; Product – Access Door Beads [8010] [8020].
- R. Drywall Compound Admix;
1. Trim-Tex Inc.; Product – Mud Max.
- S. Mud Set Beads
1. Trim-Tex Inc.; Product – Mud Set 3/4" R. Bullnose Corner Bead.
 2. Trim-Tex Inc.; Product – Mud Set Adjustable Splayed Bullnose
 3. Trim-Tex Inc.; Product – Mud Set Rigid Corner Bead
 4. Trim-Tex Inc.; Product – Mud Set Rigid Jumbo Corner Bead
 5. Trim-Tex Inc.; Product – Mud Set Adjustable Splayed Corner
 6. Trim-Tex Inc.; Product – Mud Set Adjustable Inside Corner

2.3 COMPONENTS

- A. Fasteners: [ASTM C1002; Type S] [GA-216] [_____]; length to suit application.

2.4 ACCESSORIES

- A. Gypsum Board Accessories: ASTM C1047; plastic; corner beads, edge trim, and expansion joints.
1. Plastic Accessories: PVC plastic.
 2. Edge Trim: Type [LC] [L] [U] bead.
- B. Joint Materials: [ASTM C475;] [GA-216;] reinforcing tape, joint compound, and water.
1. Add drywall compound additive to joint compound in accordance with additive manufacturer's instructions.
- C. Drywall Compound Additive:
1. Trim-Tex Inc.; Product – Mud Max

- D. Staples:
 - 1. Trim-Tex Inc.; Product – ½” divergent staples.
- E. Adhesive:
 - 1. Trim-Tex Inc.; Product – 847 Spray Adhesive.

Retain following for LEED projects only.

- a. Adhesives: Maximum volatile organic compound content in accordance with SCAQMD Rule 1168.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify site conditions are ready to receive work.

3.2 INSTALLATION

- A. Install vinyl trim members in accordance with manufacture’s written installation instructions.
 - 1. When manufacturer’s installation instructions do not specifically cover applicable installation; comply with ASTM C 754, GA-216 and GA-600.
- B. Secure trim members to substrate with staples and spray adhesive in accordance with trim manufacturer’s written instructions.
 - 1. Provide durable:
 - a. Straight edges.
 - b. Straight corners.
 - c. Smooth curvatures.
 - d. True arches.
 - Install factory fabricated accessories at joints in trim members.
 - 2. Apply specified mud to flanges of trim members.
- C. Control Joint:
 - 1. Place control joints consistent with lines of building spaces as indicated on Drawings.
- D. Interior Trim: Install in the following locations:
 - 1. Corner Bead: Use at outside corners; type as indicated.
 - 2. Bullnose Bead: Use at outside corners where indicated.
 - 3. [LC-Bead: Use at exposed panel edges.]
 - 4. [L-Bead: Use at exposed panel edges.]
 - 5. U-Bead: Use where indicated.

6. Curved-Edge Corner bead: Use at curved openings.
- E. Corner Bead:
1. Place corner beads at external corners. Use longest practical length. Place edge trim where gypsum board abuts dissimilar materials

END OF SECTION