Trim-Tex Inc.

SECTION 09 29 40

GYPSUM VINYL TRIM AND ACCESSORIES

1. GENERAL
	1. SECTION INCLUDES
		1. Vinyl trims for gypsum board, including accessories and joint treatment.
	2. RELATED SECTIONS
		1. Section 07 95 00 - Expansion Control.
		2. Section 06 10 00 - Rough Carpentry.
		3. Section 07 25 00 - WeatherBarriers.
		4. Section 09 25 23 - Lime Based Plastering.
		5. Section 10 26 00 - Corner Protection System.
	3. REFERENCES
		1. ASTM International (ASTM):
			1. ASTM C 754 - Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products.
			2. ASTM C 840 - Standard Specification for Application and Finishing of Gypsum Board.
			3. ASTM C 1002 - Standard Specification for Steel Self Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs.
			4. ASTM C 1047 - Standard Specification for Accessories for Gypsum Wallboard.
			5. ASTM C 1280 - Standard Specification for Application of Exterior Gypsum Panel Products for Use as Sheathing.
			6. ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPCV) Compounds.
			7. ASTM D 3678 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Interior-Profile Extrusions.
		2. Gypsum Association (GA):
			1. GA-214 - Recommended Levels of Gypsum Board Finish.
			2. GA-216 - Application And Finishing Of Gypsum Panel Products.
			3. GA-600 - Fire Resistance Design Manual.
		3. Underwriters Laboratories (UL):
			1. UL-2079 - Standard for Tests for Fire Resistance of Building Joint Systems.
	4. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. Product Data: Submit data on vinyl trim and accessories.
			1. Preparation instructions and recommendations.
			2. Storage and handling requirements and recommendations.
			3. Cleaning methods.
		3. Informational Submittals:
			1. LEED Data: provide satisfactory documented submittals, to permit application and certification to achieve LEED Rating System specified in Division 1.
				1. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
				2. Materials Resources Certificates:

Certify recycled material content for recycled content products.

Certify source for local and regional materials and distance from Project site.

* + - * 1. Indoor Air Quality Certificates: Certify volatile organic compound content for each interior adhesive and sealant and related primer.
			1. Product Cost Data: Submit cost of products to verify compliance with project sustainable design requirements. Exclude cost of labor and equipment to install products. Provide cost data for the following products:
				1. Products with recycled material content.
				2. Local and regional products.
		1. Selection Samples: Two sets of full size samples, 9 inches (220 mm) in length, representing manufacturer's full range of available trim products and accessories.
		2. Verification Samples: For each product and accessory specified, two samples, 9 inches (220 mm) in length, representing actual trim products and accessories specified.
	1. QUALITY ASSURANCE
		1. Mock-Up: Provide a completely assembled, typical wall areas installed with related accessories, in composite configurations designed to fulfill the performance criteria, and representative of the design as shown on the Drawings.
			1. Locate mock-up in location as directed by the Architect.
			2. Do not proceed with remaining work until workmanship is approved by Architect.
			3. Mock-up area may become part of finished work.
			4. Mock-up area may not become part of finished work.
	2. DELIVERY, STORAGE, AND HANDLING
		1. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.
			1. Store in covered area away from direct sunlight.
			2. Stack boxes containing trim members flat to prevent sagging.
		2. Store materials in manufacturer's original sealed, labeled packaging until ready for installation and in accordance with manufacturer's instructions. Protect from damage.
	3. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: Trim-Tex Inc., which is located at: 3700 W. Pratt Ave. ; Lincolnwood, IL 60712-2508; Toll Free Tel: 800-874-2333; Tel: 847-679-3000; Fax: 800-644-0216; Email: request info (mikeg@trim-tex.com); Web: [www.trim-tex.com](http://www.trim-tex.com)
		2. Substitutions: Not permitted.
	2. TRIM MEMBERS
		1. Basis of Design: Vinyl trim for gypsum board as manufactured by Trim-Tex Inc.; including accessories, joint treatment for trim.
			1. Location of Manufacture: Lincolnwood IL.
			2. Recycled Content: Furnish materials with at least 50 percent recycled content.
		2. Performance Requirements:
			1. Self-Extinguishing: Shall not continue to support combustion once flame source is removed.
			2. Meet or exceed following ASTM Standards:
				1. ASTM E84-10 – Achieve Class A rating for Smoke and Flame Spread.
				2. ASTM C 1047 - Standard Specification for Accessories for Gypsum Wallboard.
				3. ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPCV) Compounds.
				4. ASTM D 3678 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Interior-Profile Extrusions.
				5. GA-216-10 – Gypsum Association
				6. UL-2079 Standard for Tests for Fire Resistance of Building Joint Systems.
				7. Impervious to rust, galvanic corrosion, electrolysis and resistant to most chemicals.
	3. CORNER BEADS
		1. Standard Corner Beads
			1. Rigid Low Profile Corner. 90º Outside. 1 ⅜” mud flange. Arch available.
			2. Rigid Jumbo Low Profile Corner. 90º Outside 1 ¾” mud flange. Arch available.
			3. Corner Bead. 90º Outside. 1 ¼” mud flange. Arch available.
			4. Jumbo Corner Bead. 90º Outside 1 ¾” mud flange. Arch available.
			5. Arch Plus 90º Combo Bead. 90º and Arch in One. 1 ¼” mud flange.
			6. Skim Coat Plaster Corner. 90º Outside 1 ¾” mud flange.
			7. Rigid Splayed Adjustable Corner. 115º-155º Outside. 1 ⅜” mud flange.
			8. Splayed Corner Bead. 120º-140º Outside. 1 ¼” mud flange.
			9. Jumbo Splayed Corner. 120º-140º Outside. 1 ¾” mud flange. Arch available for groin ceilings.
			10. Adjustable Inside Corner. 70º-150º Inside. 1” mud flange.
			11. Inside Corner Bead. 90º Inside. Arch available.
		2. Bumper Bead Corner Protection System
			1. For the Trim-Tex two part Bumper Bead, Bumper Guard Corner Protection System, please reference Section 10 26 00 Corner Protection System.
		3. Corner Guards
			1. 1” x 1” Corner Guard. 90º Outside. 1” leg.
			2. 1 ½” x 1 ½” Corner Guard. 90º Outside. 1 ½” leg.
			3. 2” x 2” Corner Guard. 90º Outside. 2” leg.
		4. Chamfer Beads
			1. 350 Chamfer Bead. ¾” wide chamfer. 90º Outside. 1” mud flange. Arch available.
			2. 350 Chamfer Splayed. 135º Outside. 1” mud flange.
			3. 350 Chamfer Accessories: 3 Way, Off Angle 3 Way, 90º Base Adapter.
			4. Chamfer Bead. 1 ⅛” wide chamfer. 90º Outside. ⅞” mud flange. Arch available.
			5. Chamfer Splayed. 135º Outside. ⅞” mud flange.
			6. Chamfer Kerfed. For doors and windows with kerfed groove.
			7. Chamfer Stop. For finishing drywall ends.
			8. Chamfer Accessories: 3 Way, Off Angle 3 Way, 90º & 135º Base Adapter.
		5. 350 Bull (⅜” R. Bullnose)
			1. 350 Bull. 90º Outside. 1” mud flange. Arch available.
			2. 350 Bull Splayed. 135º Outside. 1” mud flange.
			3. 350 Bull Kerfed. For doors and windows with kerfed groove. Arch available.
			4. 350 Bull L Bead. For finishing drywall ends.
			5. 350 Bull Accessories. 2 Way, 3 Way, Off Angle 3 Way, 90º Base Adapter.
		6. ¾” R. Bullnose
			1. ¾” R. Bullnose Corner Bead. 90º Outside. ⅞” mud flange. Arch available.
			2. ¾” R. Bullnose Splayed. 135º Outside. ¾” mud flange.
			3. ¾” R. Bullnose Kerfed. For doors and windows with kerfed groove. Arch available.
			4. ¾” R. Bullnose Inside Beads. 90º and 135º Inside.
			5. ¾” R. Bullnose Accessories. 2 Way, 3 Way, Off Angle 3 Way, 90º & 135º Base Adapter.
			6. SquarzIt. 90º Base Adapter.
			7. ¾” R. J Round. For finishing drywall ends. 2 Ways available.
		7. 1 ½” R. Bullnose
			1. 1 ½” R. Bullnose Corner Bead. 90º Outside. ⅞” mud flange. Arch available.
			2. 1 ½” R. Bullnose Splayed. 135º Outside. ⅞” mud flange.
			3. 1 ½” R. Bullnose Kerfed. For doors and windows with kerfed groove.
			4. 1 ½” R. Bullnose Inside Beads. 90º and 135º Inside.
			5. 1 ½” R. Bullnose Accessories. 2 Way, 3 Way, 3 Way Inside, Off Angle 3 Way, 90º Base Adapter.
		8. Decorative Corners
			1. 350 Step A Bull. 90º Outside. 1” mud flange.
			2. ¾” R. Step A Bull. 90º Outside. 1” mud flange. Arch available.
			3. 1 ½” R. Step A Bull. 90º Outside. 1” mud flange.
			4. Step a Bull Accessories. 3 ways and base adapters for all sizes of Step A Bull.
			5. Niche Bead. 90º Outside. ⅞” mud flange. Base Adapter available.
			6. Step A Bull L Bead. For finishing drywall ends.
			7. Reveal Corner Bead. 90º Outside. 1” mud flange. Base Adapter available.
		9. Mud Set Beads (Beads installed using drywall compound like paper flange beads.)
			1. Mud Set Rigid Low Profile Corner Bead. 90º Outside. 1 ⅜” mud flange.
			2. Mud Set Rigid Low Profile Jumbo Corner. 90º Outside. 1 ¾” mud flange.
			3. Mud Set Adjustable Splayed Corner. 115º-155º Outside. 1 ⅜” mud flange.
			4. Mud Set Adjustable Inside Corner. 70º-150º Inside. 1” mud flange.
			5. Mud Set Magic Corner. Full adjustable inside. Flexible center for expansion control and crack prevention. 1” mud flange.
			6. Mud Set 350 Bull. 90º Outside. 1” mud flange.
			7. Mud Set ¾” R. Bullnose Corner Bead. 90º Outside. ⅞” mud flange.
			8. Mud Set ¾” R. Bullnose Splayed. 115º-155º Outside. ¾” mud flange.
			9. Mud Set L Bead & Flat Tear Away. For finishing drywall ends terminating at building components such as windows and doors.
			10. Angle Master. 70º-150º Inside. 1 ⅝” mud flange.
	4. COMMERCIAL BEADS
		1. Deflection Beads (For Head of Wall Details)
			1. Wall Mounted Deflection Bead. For deflection of up to 7/16” use Wall Mounted Deflection Bead. Wall Mounted Deflection Bead is not designed for major uplift. Minor uplift can be easily caulked. Always follow installation instructions included with product.
			2. Ceiling Mounted Deflection Bead. For deflection of up to ¾” use Ceiling Mounted Deflection Bead. Ceiling Mounted Deflection Bead has a 1” vertical leg and can also cover up to ¼” of uplift. You can also leave the drywall higher and cover for example, ½” of deflection and ½” of uplift. Always follow installation instructions included with product.
		2. Shadow & Reveal Beads
			1. Architectural Reveal Bead. Can be flexed for curved walls and soffits.
			2. Architectural Reveal Intersections. L, T and Cross intersections for reveal beads.
			3. Architectural F Reveal Bead. Creates a reveal effect around windows and doors.
			4. Architectural Z Shadow Bead.
			5. Tear Away Archway Shadow Bead. Can be flexed for curved walls and soffits.
			6. Demarcation Bead. Creates a separation between drywall finish and different substrate, such as epoxy floor coating. 1 ⅜” mud flange.
		3. Expansion Beads (Control Joints)
			1. 093V Expansion. C & T Intersections available.
			2. Hideaway Expansion.
			3. Magic Corner.
			4. Fire Rated 093V Expansion.
		4. J & L Beads
			1. J Bead. (equivalent to GA “U” Bead, Casing Bead)
			2. Shadow Line J Bead.
			3. Mud on J Bead. (equivalent to GA “LC” Bead)
			4. Architectural L Bead. Arch available.
			5. Oversized L Beads
			6. Super L Beads. ¾” R. Bullnose available. Arch available.
			7. Giant L Beads. ¾” R. Bullnose available. Arch available.
			8. Finish Trims. For finishing ends of any L Bead.
		5. Tear Away Beads
			1. Tear Away L Bead. Available in Flat, Extra Tall Masking and Arch.
			2. Shower Bead. 2 ¼” mud flange.
			3. Caulk Channel Tear Away.
			4. Super Seal Tear Away. ¼” flexible gasket.
		6. Acoustical & Ceiling Beads
			1. Flex Grid Angle. For 7/8” or 9/16” grid. White or Black. Finish columns and curved soffits around acoustical ceilings.
			2. Mud on Ceiling Bead. For 7/8” or 9/16” grid. Finish partition walls butting to existing acoustical ceiling.
			3. L.E.D. Light Bead. Finishes drywall end and creates a flange for low profile LED strip (sold separately).
			4. Architectural Access Door.
		7. Fast Caps
			1. Fast Cap. For 3 ⅝” metal stud and ⅝” drywall. Arch available.
			2. Fast Cap for 2 ½” metal stud.
			3. ¾” R. Bullnose Fast Cap. Arch available.
	5. DECORATIVE BEADS
		1. Crown Moldings
			1. 3 ½” Glue on Crown Molding.
			2. 3 ½” Crown Molding. ⅞” mud flange.
			3. 3 ¾” Crown Molding. ⅞” mud flange.
			4. 5” Glue on Crown Molding with light channel. Light channel accommodates ½” light rope (sold separately).
		2. Tray Ceilings
			1. EZ-Tray. 3” wide angled edge. 2” framing thickness.
			2. EZ-Tray 2.5. 3 ⅝” wide angled edge. 2 ½” framing thickness.
	6. ACCESSORIES
		1. 847 Spray Adhesive
		2. ½” Divergent Staples
		3. Mud Max. Drywall compound adhesion additive.
2. EXECUTION
	1. EXAMINATION AND PREPARATION
		1. Prepare substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions. Verify site conditions are ready to receive work.
		2. Do not proceed with installation until substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
		3. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.
	2. INSTALLATION
		1. Install vinyl trim members in accordance with manufacture's written installation instructions.
			1. Compliance: Perform Work in accordance with ASTM C 754.
			2. Compliance: Perform Work in accordance with ASTM C 840.
			3. Compliance: Perform Work in accordance with GA-214.
			4. Compliance: Perform Work in accordance with GA-216.
			5. Compliance: Perform Work in accordance with GA-600.
			6. Compliance: As scheduled and indicated on drawings.
			7. When manufacturer's installation instructions do not specifically cover applicable installation; comply with ASTM C 754, GA-216 and GA-600.
		2. Secure trim members to substrate with staples and spray adhesive in accordance with trim manufacturer's written instructions.
			1. Install factory fabricated accessories at joints in trim members with durable:
				1. Straight edges.
				2. Straight corners.
				3. Smooth curvatures.
				4. True arches.
			2. Apply specified mud to flanges of trim members.
		3. Control Joints: Place control joints consistent with lines of building spaces as indicated on Drawings.
		4. Interior Trim: Install in the following locations:
			1. Corner Bead: Use at outside corners; type as indicated on drawings.
			2. Deflection Bead: Use at head of wall or as indicated on drawings.
			3. J or L Bead. Use at exposed panel edges or as indicated on drawings.
			4. Other trims. Use as indicated on drawings.
	3. PROTECTION
		1. Protect installed products until completion of project.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION