SECTION 08 32 13

ALUMINUM FRAMED INTERIOR SLIDING DOOR SYSTEMS

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\*\* NOTE TO SPECIFIER \*\* Linear Interior Systems Inc.; Sliding Systems, Glass Partitions, Doors, and Bathroom Furnishings.
This section is based on the products of Linear Interior Systems Inc., which is located at:1 Saramia CrescentConcord, ON, Canada L4K 3S6Tel: 905-265-0055Fax: 905-265-0035Email: [request info (info@linearinteriorsystems.com)](https://arcat.com/rfi?action=email&company=Linear%252BInterior%252BSystems%252BInc.&message=RE%253A%2520Spec%2520Question%2520(08180lnr)%253A%2520&coid=53939&spec=08180lnr&rep=&fax=905-265-0035)
Web: <https://www.linearinteriorsystems.com>
 [ [Click Here](https://arcat.com/company/linear-interior-systems-inc-53939) ] for additional information.
Welcome to Linear Interior Systems where design, innovative interior solutions and collaboration come together. We specialize in partnering with Architects, Designers, and developers to elevate their projects to new heights. With a comprehensive offering of cutting-edge sliding systems, versatile wall partitions, precision-engineered door hardware, and elegant bath accessories, we're your destination for transforming spaces into works of art. Our commitment to excellence, coupled with our dedication to delivering tailor-made solutions, ensures that your vision is brought to life with unparalleled style and functionality. Our robust European brand partnerships enable us to introduce Italian quality and style to the North America market. These brands are exclusively accessible through Linear Interior Systems and our authorized dealers.
Join us in redefining interior possibilities and creating spaces that leave a lasting impression.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Aluminum framed interior sliding door systems. (Universal) (Magic 2) (120 Series) (130 Series)
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 08 71 00 - Door Hardware.
		2. Section 10 22 00 - Demountable Partitions - Glazed and Solid.
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00.
		2. Product Data:
			1. Manufacturer's data sheets on each product to be used.
			2. Preparation instructions and recommendations.
			3. Storage and handling requirements and recommendations.
			4. Typical installation methods.

\*\* NOTE TO SPECIFIER \*\* Delete if not applicable to product type.

* + 1. Verification Samples: Two representative units of each type, size, pattern, and color.
		2. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.
	1. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum of five years documented experience.
		2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
		3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
			1. The intent of mock-up is to demonstrate quality of workmanship and visual appearance.
			2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
			3. Retain mock-up during construction as a standard for comparison with completed work.
			4. Do not alter or remove mock-up until work is completed or removal is authorized.
	1. PRE-INSTALLATION CONFERENCE
		1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.
	2. DELIVERY, STORAGE, AND HANDLING
		1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
		2. Protect from damage due to weather, excessive temperature, and construction operations.
	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.
	4. WARRANTY
		1. Manufacturer's standard limited warranty unless indicated otherwise.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: Linear Interior Systems Inc., which is located at:1 Saramia CrescentConcord, ON, Canada L4K 3S6Tel: 905-265-0055Fax: 905-265-0035Email: [request info (info@linearinteriorsystems.com)](https://arcat.com/rfi?action=email&company=Linear%252BInterior%252BSystems%252BInc.&message=RE%253A%2520Spec%2520Question%2520(08180lnr)%253A%2520&coid=53939&spec=08180lnr&rep=&fax=905-265-0035);Web: <https://www.linearinteriorsystems.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with the provisions of Section. 01 60 00.
	1. ALUMINUM FRAMED INTERIOR SLIDING DOOR SYSTEMS

\*\* NOTE TO SPECIFIER \*\* Delete basis or design options not required.

* + 1. URL Link to Brochure: Universal Interior Sliding Door System : https://www.dropbox.com/scl/fo/7ve6yiqmmmo8zah6o8qy1/h?rlkey=74u4vfj0vap62m72xd87nclqy&dl=0
		2. Basis of Design: Universal Interior Sliding Door System as manufactured by Linear Interior Systems Inc. Non-load bearing. A Terno Scorrevoli frame, designed for doors in glass, timber, and aluminum. Clean lines, reduced encumbrances, high resistance.
			1. Operation: Manual.

\*\* NOTE TO SPECIFIER \*\* Delete configuration options not required.

* + - 1. Configuration: Single track.
			2. Configuration: Double track.
			3. Rolling Style: Top rollers, bottom guide.

\*\* NOTE TO SPECIFIER \*\* Delete undermount options not required.

* + - * 1. Single Undermount: Model 0427.7.3.

Track Width: 1-3/4 inches (45 mm).

Track Height: 1-3/4 inches (44 mm).

Vertical Door Adjustment: 0 to 1/4 inches (0 to 6 mm).

* + - * 1. Single Wall Mount: Model 0427.5.3.

Track Width: 2-1/4 inches (57 mm).

Track Height: 1-5/8 inches (42 mm).

Vertical Door Adjustment: 0 to 1/4 inches (0 to 6 mm).

* + - * 1. Double Undermount: Model 0427.8.3.

Track Width: 3-3/4 inches (95 mm).

Track Height: 1-3/4 inches (44 mm).

Vertical Door Adjustment: 0 to 1/4 inches (0 to 6 mm).

* + - * 1. Double Undermount Recessed: Model 0427.8.3.

Track Width: 3-3/4 inches (95 mm).

Track Height: 1-3/4 inches (44 mm).

Vertical Door Adjustment: 0 to 1/4 inches (0 to 6 mm).

* + - 1. Aluminum Track and Framing Material: 6061-T6 extruded profiles.

\*\* NOTE TO SPECIFIER \*\* Delete track finish options not required. the first two are standard.

* + - 1. Aluminum Track and Door Frame Finish: Anodized Silver.
			2. Aluminum Track and Door Frame Finish: Brushed Anodized Silver.
			3. Aluminum Track and Door Frame Finish: Brushed Anodized Dark Brown.
			4. Aluminum Track and Door Frame Finish: Brushed Anodized Black.
			5. Aluminum Track and Door Frame Finish: Brushed Anodized Nickel.

\*\* NOTE TO SPECIFIER \*\* Delete roller and door weight options not required.

* + - 1. Rollers: Basic rollers; system type A. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
			2. Rollers: Fluid rollers system type B. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
				4. Door Weight: 353 lbs (160 kg).

\*\* NOTE TO SPECIFIER \*\* Width Range is from 27-9/16 to 59-1/16 inches (700 to 1500 mm). Door panel height is up to 118-1/8 inches (3000 mm).

* + - * 1. Door Panel (WxH): \_\_\_ inches (\_\_\_ mm).
			1. Door Frame Thickness: 1-3/4 (45 mm).
			2. Weight: 176 lbs (80 kg) maximum.
			3. Glass Thickness: 3/16 to 5/16 inches (5 to 8.5 mm).

\*\* NOTE TO SPECIFIER \*\* Delete glass finish options not required.

* + - 1. Glass Finish: Transparent.
			2. Glass Finish: Frosted.
			3. Glass Finish: Transparent Bronze.
			4. Glass Finish: Transparent Grey.
			5. Glass Finish: Frosted Super White.
			6. Glass Finish: Reeded Glass.
			7. Options:

\*\* NOTE TO SPECIFIER \*\* Delete options not required.

* + - * 1. Damper Stops.
				2. Fluid dampers.
				3. Handle kit.
				4. Load bearing mullion kit.
				5. Adjustable Closing jamb kit.
		1. Basis of Design: Magic 2 Frame Sliding Door System as manufactured by Linear Interior Systems Inc. Non-load bearing invisible sliding door system.
			1. Rolling Style: Bottom and top rollers, with bottom guide.
			2. Operation: Manual.

\*\* NOTE TO SPECIFIER \*\* Delete opening direction option not required.

* + - * 1. Opening Direction: Left.
				2. Opening Direction: Right.
			1. Configuration: Single track.

\*\* NOTE TO SPECIFIER \*\* Width Range is from 26-3/4 to 59-1/16 inches (680 to 1500 mm). The height range is up to 118-1/8 inches (3000 mm).

* + - 1. Width: \_\_\_ inches (\_\_\_ mm).
			2. Weight: 176 lbs (80 kg) maximum.
			3. External aluminum track cover. Aligns with door minimizing the gap. Between door and frame.
			4. Aluminum Track Material: 6061-T6 extruded profiles.

\*\* NOTE TO SPECIFIER \*\* Delete track finish options not required. the first two are standard.

* + - 1. Aluminum Track Finish: Brushed Anodized Silver.
			2. Aluminum Track Finish: Brushed Anodized Dark Brown.
			3. Aluminum Track Finish: Brushed Anodized Black.
			4. Aluminum Track Finish: Brushed Anodized Nickel.

\*\* NOTE TO SPECIFIER \*\* Delete roller and door weight options not required.

* + 1. URL Link to Brochure: Basic Rollers and Fluid Rollers : https://www.dropbox.com/scl/fo/7ve6yiqmmmo8zah6o8qy1/h?rlkey=74u4vfj0vap62m72xd87nclqy&dl=0
			1. Rollers: Basic rollers; system type A. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
			2. Rollers: Fluid rollers system type B. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
				4. Door Weight: 353 lbs (160 kg).
			3. Glass Thickness: 3/16 to 5/16 inches (5 to 8.5 mm).

\*\* NOTE TO SPECIFIER \*\* Delete glass finish options not required.

* + - 1. Glass Finish: Transparent.
			2. Glass Finish: Frosted.
			3. Glass Finish: Transparent Bronze.
			4. Glass Finish: Transparent Grey.
			5. Glass Finish: Frosted Super White.
			6. Glass Finish: Reeded Glass.
			7. Glazing Gasket: Bi-extruded.
			8. Options:

\*\* NOTE TO SPECIFIER \*\* Delete options not required.

* + - * 1. Damper Stops.
				2. Fluid dampers.
				3. Handle kit.
				4. Load bearing mullion kit.
				5. Closing jamb kit.
		1. Basis of Design: 120 Series Top Rolling Sliding Glass Doors With Aluminum Frame.
			1. Operation: Manual.
			2. Configuration: Sliding door panel. And fixed door panel.
			3. Rolling Style: Top rollers, bottom guide.
				1. Single Undermount: Model 1280.

Track Width: 2-3/16 inches (56 mm).

Track Height: 2-3/4 inches (70 mm).

Vertical Door Adjustment: 1/4 to 1/2 inches (7 to 13 mm).

* + - * 1. Double Undermount: 1285.

Track Width: 3-3/4 inches (95 mm).

Track Height: 2-15/16 (75 mm).

Vertical Door Adjustment: 1/4 to 1/2 inches (7 to 13 mm).

* + - * 1. Wall Mount: Model 1259.

Track Width: 2-3/8 inches (61 mm).

Track Height: 2-1/16 inches (53 mm).

Cover: 2-3/4 inches (70 mm).

Vertical Door Adjustment: 1/4 to 1/2 inches (7 to 13 mm).

* + - * 1. Wall Mount: Model 1270.

Track Width: 1-9/16 inches (65 mm).

Track Height: 1-5/16 inches (34 mm).

Cover: 3-15/16 inches (100 mm).

Vertical Door Adjustment: 1/4 to 1/2 inches (7 to 13 mm).

* + - 1. Aluminum Track Material: 6061-T6 extruded profiles.

\*\* NOTE TO SPECIFIER \*\* Delete track finish options not required. The first two are standard.

* + - 1. Aluminum Track Door Frame Finish: Brushed Anodized Silver.
			2. Aluminum Track Door Frame Finish: Painted Black.
			3. Aluminum Track Door Frame Finish: Graphite.
			4. Aluminum Track Door Frame Finish: Metal Grey.
			5. Aluminum Track Door Frame Finish: White RAL 9002.
			6. Aluminum Track Door Frame Finish: White.

\*\* NOTE TO SPECIFIER \*\* Delete roller and door weight options not required. URL Link to Brochure: Basic Rollers and Fluid Rollers :https://www.dropbox.com/scl/fo/7ve6yiqmmmo8zah6o8qy1/h?rlkey=74u4vfj0vap62m72xd87nclqy&dl=0

* + - 1. Rollers: Basic rollers; system type A. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
			2. Rollers: Fluid rollers system type B. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
				4. Door Weight: 353 lbs (160 kg).

\*\* NOTE TO SPECIFIER \*\* Width Range is from 27-9/16 to 59-1/16 inches (700 to 1500 mm). Door panel height is up to 118-1/8 inches (3000 mm).

* + - 1. Door Panel (WxH): \_\_\_ inches (\_\_\_ mm).
			2. Door Frame Thickness: 1-3/4 inches (45 mm).
			3. Weight: (80 kg) maximum.
			4. Glass Thickness: 3/16 to 5/16 inches (5 to 8.5 mm). Monolithic mullions.

\*\* NOTE TO SPECIFIER \*\* Delete stile and handle options not required.

* + - 1. Stile Profile Width: 1 inch (25 mm).
			2. Stile Profile Width with Gasket: 1-3/16 inch (30 mm).
			3. Handle: Short.
			4. Handle: Long.

\*\* NOTE TO SPECIFIER \*\* Delete glass finish options not required. The first two are standard.

* + - 1. Glass Finish: Transparent.
			2. Glass Finish: Frosted.
			3. Glass Finish: Transparent Bronze.
			4. Glass Finish: Transparent Grey.
			5. Glass Finish: Frosted Super White.
			6. Glass Finish: Reeded Glass.
			7. Glazing Gasket: Bi-extruded.
			8. Options:
				1. Damper Stops.
				2. Fluid dampers.
				3. Handle kit.
				4. Load bearing mullion kit.
				5. Closing jamb kit.
		1. Basis of Design: 130 Series Bottom Rolling Sliding Glass Doors With Aluminum Frame as manufactured by Linear Interior Systems Inc.
			1. Operation: Manual.
			2. Configuration: Sliding door panel.
			3. Configuration: Double sliding door panel.
			4. Configuration: Triple sliding door panel.
			5. Rolling Style: Bottom rollers.
				1. Single Undermount: Model 250.

Track Width: 1-5/8 inches (41 mm).

Track Height: 2-3/16 inches (55 mm).

* + - * 1. Double Undermount: 260.

Track Width: 3-1/8 inches (79 mm).

Track Height: 2-3/16 inches (55 mm).

* + - * 1. Triple Undermount: 270.

Track Width: 3-1/8 inches (79 mm).

Track Height: 2-3/16 inches (55 mm).

* + - * 1. Wall Mount, Single : Model 1642.

Track Width: 4-3/4 inches (120 mm).

Track Height: 2-3/16 inches (55 mm).

* + - 1. Aluminum Track Material: 6061-T6 extruded profiles.

\*\* NOTE TO SPECIFIER \*\* Delete track finish options not required. The first two are standard.

* + - 1. Aluminum Track Door Frame Finish: Anodized Silver.
			2. Aluminum Track Door Frame Finish: Painted Black.
			3. Aluminum Track Door Frame Finish: Graphite.
			4. Aluminum Track Door Frame Finish: Metal Grey.
			5. Aluminum Track Door Frame Finish: White RAL 9002.
			6. Aluminum Track Door Frame Finish: White.

\*\* NOTE TO SPECIFIER \*\* Delete roller and door weight options not required. URL Link to Brochure: Basic Rollers and Fluid Rollers : https://www.dropbox.com/scl/fo/7ve6yiqmmmo8zah6o8qy1/h?rlkey=74u4vfj0vap62m72xd87nclqy&dl=0

* + - 1. Rollers: Basic rollers; system type A. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
			2. Rollers: Fluid rollers system type B. Stainless steel with precision bearings.
				1. Door Weight: 110 lbs (50 kg).
				2. Door Weight: 176 lbs (80 kg).
				3. Door Weight: 264 lbs (120 kg).
				4. Door Weight: 353 lbs (160 kg).
				5. Material: Stainless steel with stainless steel precision bearings.

\*\* NOTE TO SPECIFIER \*\* Width Range is from 30-5/16 to 59-1/16 inches (770 to 1500 mm). Door panel height is up to 118-1/8 inches (3000 mm).

* + - 1. Door Panel (WxH): \_\_\_ inches (\_\_\_ mm).
			2. Door Frame Thickness: 1 inch (26 mm).
			3. Weight: 176 lbs (80 kg) maximum.
			4. Glass Thickness: 3/16 to 5/16 inches (5 to 8.5 mm). Monolithic.
			5. Mullions.

\*\* NOTE TO SPECIFIER \*\* Delete stile and handle options not required.

* + - 1. Stile Profile Width: 1 inch (25 mm).
			2. Stile Profile Width with Gasket: 1-3/16 inch (30.16 mm).
			3. Handle: Short.
			4. Handle: Long.

\*\* NOTE TO SPECIFIER \*\* Delete glass finish options not required. The first two are standard.

* + - 1. Glass Finish: Transparent.
			2. Glass Finish: Frosted.
			3. Glass Finish: Transparent Bronze.
			4. Glass Finish: Transparent Grey.
			5. Glass Finish: Frosted Super White.
			6. Glass Finish: Reeded Glass.
			7. Glazing Gasket: Bi-extruded.
			8. Options:
				1. Damper Stops.
				2. Fluid dampers.
				3. Handle kit.
				4. Load bearing mullion kit.
				5. Closing jamb kit.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until the substrates have been properly constructed and prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.
	4. FIELD QUALITY CONTROL
		1. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.

\*\* NOTE TO SPECIFIER \*\* Include if manufacturer provides field quality control with onsite personnel for instruction or supervision of product installation, application, erection, or construction. Delete if not required.

* + 1. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.
	1. CLEANING AND PROTECTION
		1. Clean products in accordance with the manufacturers recommendations.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION