Hickman Edge Systems April 2019

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Guide Specification

Specifier Notes: This guide specification is written in Construction Specifications Institute (CSI) 3-Part Format in accordance with *The CSI Construction Specifications Practice Guide,* *MasterFormat, SectionFormat,* and *PageFormat.*

This Section must be carefully reviewed and edited by the Architect to meet the requirements of the Project and local building code. Coordinate this Section with Division 01, other specification sections, and the Drawings. Delete all Specifier Notes after editing this Section.

Section numbers and titles are based on *MasterFormat 2018 Edition.*

1. 07 71 19

MANUFACTURED FASCIAE

Specifier Notes: This Section covers Hickman Edge Systems “MBED” fascia system. Consult Hickman Edge Systems for assistance in editing this Section as required for the Project.

* 1. GENERAL
		1. SECTION INCLUDES
			1. Fascia system.
		2. RELATED REQUIREMENTS

Specifier Notes: Edit the following list of related sections as required for the Project. Limit the list to sections with specific information that the reader might expect to find in this Section, but is specified elsewhere.

* + - 1. Section [07 50 00] [07\_\_\_\_\_\_\_] – [Membrane Roofing] [\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_]: Membrane roofing and sealant.
		1. REFERENCE STANDARDS

Specifier Notes: List reference standards used elsewhere in this Section, complete with designations and titles. Delete reference standards from the following list not used in the edited Section.

* + - 1. Factory Mutual (FM Global) ([www.fmglobal.com](http://www.fmglobal.com)).
				1. FM 1-49 – Perimeter Flashing
				2. FM 4435 – Edge Systems Used With Low Slope Roofing Systems
			2. Single Ply Roofing Industry (SPRI) ([www.spri.org](http://www.spri.org)):
				1. ANSI/SPRI/FM 4435/ES-1 – Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems.
		1. PREINSTALLATION MEETINGS

Specifier Notes: Edit the Preinstallation Meetings article as required for the Project. Delete article if not required.

* + - 1. Convene preinstallation meeting [1 week] [2 weeks] before start of installation of fascia system.
			2. Require attendance of parties directly affecting Work of this Section, including Contractor, Architect, installer, and manufacturer’s representative.
			3. Review the Following:
				1. Materials.
				2. Installation.
				3. Cleaning.
				4. Protection.
				5. Coordination with other Work, including membrane roofing installation.
		1. SUBMITTALS

Specifier Notes: Edit the Submittals article as required for the Project. Delete submittals not required.

* + - 1. Comply with Division 01.
			2. Product Data: Submit manufacturer’s product data, including installation instructions.
			3. Shop Drawings: Submit manufacturer’s shop drawings, including plans, elevations, sections, and details, indicating dimensions, materials, components, fasteners, finish, and accessories.
			4. Samples: Submit manufacturer’s sample of fascia system.
				1. Sample Size: Minimum 6 inches long.
			5. Color Samples: Submit manufacturer’s color samples of exterior fascia covers, concealed joint splices, and accessories, consisting of complete set of metal color chips representing manufacturer’s full range of available colors.
			6. Manufacturer’s Certification: Submit manufacturer’s certification that materials comply with specified requirements and are suitable for intended application.
			7. Manufacturer’s Project References: Submit manufacturer’s list of 10 successfully completed fascia system projects of similar size and scope to this Project, including project name and location, name of architect, and type and quantity of fascia systems furnished.
			8. Warranty Documentation: Submit manufacturer’s standard warranty.
		1. QUALITY ASSURANCE
			1. Manufacturer’s Qualifications: Manufacturer regularly engaged in the manufacturing of fascia systems of similar type to that specified for a minimum of 5 years.
			2. Installer's Qualifications:
				1. Installer regularly engaged in installation of fascia systems of similar type to that specified for a minimum of 5 years.
				2. Use persons trained for installation of fascia systems.
		2. DELIVERY, STORAGE, AND HANDLING
			1. Delivery Requirements: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
			2. Storage and Handling Requirements:
				1. Store and handle materials in accordance with manufacturer’s instructions.
				2. Keep materials in manufacturer’s original, unopened containers and packaging until installation.
				3. Store materials in clean, dry area indoors.
				4. Do not store materials directly on floor or ground.
				5. Protect materials and finish during storage, handling, and installation to prevent damage.
		3. WARRANTY
			1. Warranty Period20 years.
	1. PRODUCTS
		1. MANUFACTURERS
			1. Manufacturer: Hickman Edge Systems, 4 Commerce Way, Arden, North Carolina 28704. Toll Free 800-892-9173. Phone 828-676-1700. [HickmanEdgeSystems.com](http://hickmanedgesystems.com/). info@hickmanedgesystems.com.

Specifier Notes: Specify if substitutions will be permitted.

* + - 1. Substitutions: [Not permitted] [Comply with Division 01].
			2. Single Source: Provide materials from single manufacturer.
		1. FASCIA SYSTEM

Specifier Notes: Specify fascia system required for the Project. Delete fascia systems not required.

* + - 1. Fascia System: “MBED B”.

Specifier Notes: Specify ~~model~~/face.

* + - * 1. /Face: 3” – 13”
				2. Tested: ANSI/SPRI/FM 4435/ES-1.
				3. Approvals:

UL Classified.

Miami-Dade County Approved.

FM approved.

Florida Product Approval.

* + - * 1. Formed Retainer:

Specifier Notes: Specify formed retainer material. Specify 20-gauge galvanized or 20-gauge stainless steel ~~only with zinc exterior fascia covers.~~

Material: [20-gauge galvanized steel] [20-gauge stainless steel].

Formed Lengths: 10’-0” (3.05 m).

* + - * 1. Exterior Fascia Covers:

Specifier Notes: Specify exterior fascia cover material. Consult Hickman Edge Systems for additional materials.

Material: [0.040-inch aluminum] [0.050-inch aluminum] [0.063-inch aluminum] [24-gauge galvanized steel] [22-gauge galvanized steel] [24-gauge stainless steel] [22-gauge stainless steel] [\_\_\_\_\_\_\_\_\_\_\_\_].

Formed Lengths: 10’-0” (3.05 m).

Specifier Notes: Specify exterior fascia cover finish. Consult Hickman Edge Systems for finish selection for each material.

Finish: [Mill finish] [Prefinished Kynar] [Post-finished Kynar] [Prefinished anodize] [Post-finished anodize] [\_\_\_\_\_\_\_\_\_\_\_\_].

Specifier Notes: Specify color. Consult Hickman Edge Systems for standard and premium color selection for each finish.

Color: \_\_\_\_\_\_\_\_\_\_\_\_.

* + - * 1. Concealed Joint Splices:

Splice Plates: 0.040-inch aluminum.

Finish and Color: Same as exterior fascia covers.

Width: 4 inches (101 mm).

* + - * 1. Fasteners:

1-1/2-inch stainless steel ring shank nails

Suitable for intended substrate.

Provided by fascia system manufacturer.

* + - * 1. Sealant:

Non-hardening waterproof sealant.

Compatible with fascia system and membrane roofing.

Provided by membrane roofing manufacturer.

Specifier Notes: Provide the section number for the membrane roofing.

Specified in Section [07 50 00] [07\_\_\_\_\_\_\_].

* + - * 1. Accessories:

Material, Finish, and Color: Same as exterior fascia covers.

Specifier Notes: Edit the list of accessories as required for the Project. Describe or delete special corners as required.

Miters:

Outside.

Inside.

End Caps:

Left.

Right.

End Terms:

Left.

Right.

Sumps.

Spillouts.

Special corners.

* + - 1. Fascia System: “MBED G”.

Specifier Notes: Specify face.

* + - * 1. Face: 3” – 13”
				2. Tested: ANSI/SPRI/FM 4435/ES-1.
				3. Approvals:

UL Classified

FM approved.

* + - * 1. Formed Retainer:

Material: 20-gauge galvanized steel or 20-gauge stainless steel

Formed Lengths: 10’-0” (3.05 m).

* + - * 1. Exterior Fascia Covers:

Specifier Notes: Specify exterior fascia cover material. Consult Hickman Edge Systems for additional materials.

Material: [0.040-inch aluminum] [0.050-inch aluminum] [0.063-inch aluminum] [24-gauge galvanized steel] [22-gauge galvanized steel] [24-gauge stainless steel] [22-gauge stainless steel] [\_\_\_\_\_\_\_\_\_\_\_\_].

Formed Lengths: 10’-0” (3.05 m).

Specifier Notes: Specify exterior fascia cover finish. Consult Hickman Edge Systems for finish selection for each material.

Finish: [Mill finish] [Prefinished Kynar] [Post-finished Kynar] [Prefinished anodize] [Post-finished anodize] [\_\_\_\_\_\_\_\_\_\_\_\_].

Specifier Notes: Specify color. Consult Hickman Edge Systems for standard and premium color selection for each finish.

Color: \_\_\_\_\_\_\_\_\_\_\_\_.

* + - * 1. Concealed Joint Splices:

Splice Plates: 0.040-inch aluminum.

Finish and Color: Same as exterior fascia covers.

Width: 4 inches (101 mm).

* + - * 1. Fasteners:

1-1/2” stainless steel ring shank nails

Suitable for intended substrate.

Provided by fascia system manufacturer.

* + - * 1. Sealant:

Non-hardening waterproof sealant.

Compatible with fascia system and membrane roofing.

Provided by membrane roofing manufacturer.

Specifier Notes: Provide the section number for the membrane roofing.

Specified in Section [07 50 00] [07\_\_\_\_\_\_\_].

* + - * 1. Accessories:

Material, Finish, and Color: Same as exterior fascia covers.

Specifier Notes: Edit the list of accessories as required for the Project. Describe or delete special corners as required.

Miters:

Outside.

Inside.

End Caps:

Left.

Right.

End Terms:

Left.

Right.

Sumps.

Spillouts.

Special corners.

* 1. EXECUTION
		1. EXAMINATION
			1. Examine roof edge areas, including membrane roofing and blocking, to receive fascia system.
			2. Verify surfaces to support fascia system are clean, dry, straight, secure, and of proper dimensions.
			3. Notify Architect of conditions that would adversely affect installation.
			4. Do not begin installation until unacceptable conditions are corrected.
		2. INSTALLATION
			1. Install fascia system in accordance with manufacturer’s instructions at locations indicated on the Drawings.

Specifier Notes: Provide the section number for the membrane roofing.

* + - 1. Membrane Roofing: Specified in Section [07 50 00] [07\_\_\_\_\_\_\_].
			2. Fasteners:
				1. Install fascia system using concealed fasteners in accordance with manufacturer’s instructions.
				2. Do not penetrate horizontal membrane roofing surface with fasteners.
			3. Sealant: Apply continuous beads of sealant in accordance with manufacturer’s instructions.
			4. Thermal Expansion: Create gap between retainer sections and between fascia sections in accordance with manufacturer’s instructions to allow for thermal expansion.
			5. Review lengths of straight pieces of exterior fascia covers before cutting to avoid creating relatively short sections adjacent to full-length sections.
			6. Isolate fascia system from ACQ treated wood blocking or other galvanically incompatible material with appropriate membrane material.
		1. CLEANING
			1. Clean fascia system promptly after installation in accordance with manufacturer’s instructions.
			2. Remove clear protective vinyl film.
			3. Do not use harsh cleaning materials or methods that could damage finish.
		2. PROTECTION
			1. Protect installed fascia system to ensure that, except for normal weathering, fascia system will be without damage or deterioration at time of Substantial Completion.

END OF SECTION