



# Installation Recommendations for 1615 Doors

These installation recommendations are made available by MI Windows and Doors, LLC (MI) to assist with the integration of mounting fin or finless sliding glass doors into a typical wood-framed structure three or less stories in height. Installation into other structures and frame types are not addressed here.

Please contact MI or visit [www.miwindows.com](http://www.miwindows.com) for additional information.

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## Important Design Considerations

Read this entire document before proceeding with installation of MI's products. Responsibility for product selection and installation rests with the owner, architect, and installer. Do not proceed with installation unless all factors necessary to properly integrate MI's products into a building's water management system have been addressed.

MI makes no representation or warranty that these recommendations include all information necessary to ensure proper integration into every building. State and local code requirements may impose different or additional demands which will supersede these recommendations. For additional guidance regarding installation of door products, refer to applicable industry standards (e.g., AAMA 2400, AAMA InstallationMasters™, ASTM E 2112).

Failure to follow these recommendations, local requirements, or good building practices may affect the availability of remedies under MI's warranty. Provide a copy of these recommendations and the applicable MI warranty to the owner before installing. MI does not permit adoption of its installation recommendations into the contracts of others without its prior, written consent.

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## Important Pre-Installation Considerations

Door installation may disturb finish surfaces and paint in existing structures. Specific notice and work site precautions may be required. Additional information is available at [www.epa.gov/lead](http://www.epa.gov/lead). Comply with all applicable federal, state, and local requirements.

Special disposal considerations may be necessary for materials used during installation. Materials removed from an existing structure may also have their own disposal or recycling requirements. Comply with all applicable federal, state, and local requirements.

Job site and worker protections are recommended and may be required. Follow all manufacturers' instructions for appropriate and safe use of protective equipment, tools, materials, hardware and site protections necessary for installation. To avoid injuries and damage to the product, ensure appropriate personnel are available to move and secure the product into the building.

Product specification sheets include important information regarding your product and may include additional installation recommendations, such as fastener use with impact resistant doors, finishing instructions, and appropriate use of low expansive foam insulation.

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## Inspect and Prepare the Product for Installation

1. Inspect the door product thoroughly before beginning installation.

Confirm the door matches the size needed for the opening; measuring  $\frac{1}{2}$ " smaller than the rough opening dimensions in width and height.

Confirm the door's features match the requirements of the project, order, and opening; e.g., Low-E, color, code, rating, operating direction, egress.

Confirm there is no damage to the product and that all necessary pieces are in place for a complete installation; e.g., locks, labels, weather stripping.

*Do not proceed with installation if there are any concerns about the condition or suitability of the product for installation or compliance with project, order, code, or opening requirements.*

2. Keep the jambs plumb and square with the head and sill on the door throughout installation. Keep panels closed throughout installation. Avoid "crown up" or "bow down" conditions at both sill and head. Avoid "bowed out" installations by confirming equal jamb widths throughout installation.





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## Sill Anchor Installation

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8. Metal anchors should be installed across the sill every 12" on center and secured with the supplied screws. Do not install metal anchors within 3" from any corner of the product. To prevent water infiltration, drilling and anchoring through the sill is not recommended.



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## Frame Installation

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9. For mounting fin doors, Apply a continuous 3/8" bead of premium grade, compatible exterior sealant to the backside of the mounting fins (interior facing) at the head and jambs of the door near the outside edge of the mounting fin. *See Figure F.*

Apply a 3/8" bead of premium grade, compatible exterior sealant on the backside of the sill mounting fin (interior facing). Leave at least 2 gaps that are 2" wide in the sealant bead at the sill. Do not align sill gaps with weeps.

Gaps should not be more than 4' (feet) apart on large units. Add more gaps as necessary. *See Figure G.*

Apply sealant at mechanically fastened corners as well as the full length of the joints where mounting fins meet.





## 16. Continuous Air Seal

Using backer rod, low pressure low expansion foam or loose batt insulation and sealant, create an air seal barrier on the interior between rough opening and door. Use caution when using foam to ensure frame is not distorted.

## 17. Install a jamb cover on both jambs. (Optional)

## 18. Handle set installation