

## **INSTALLATION AND HANDLING INSTRUCTIONS**

**Proper installation is essential for optimum product performance. Wojan recommends installation of this unit be performed by qualified, experienced window/door installers.**

### **General Guidelines**

1. These instructions cover the minimum requirements to ensure effective installation of your Wojan product. It is the responsibility of the installer to determine the suitability of the application prior to installation of the product. These installation instructions require an understanding of the **FUNDAMENTALS OF CONSTRUCTION**, which affect the installation of this unit.

2. Improper installation of unit will reduce its effectiveness, lead to excessive air, water, and sound leakage, condensation, deterioration of wall construction and will void the warranty.

### **Storage of Unit**

3. Use caution to avoid damage to window/door before, during, and after installation. Prior to installation, store unit in a vertical position, in a clean area, free of construction debris and protect it from exposure to weather elements.

### **Installation**

4. The rough opening to receive the window/door must be adequate and must be plumb, square, and level. Aluminum products must be isolated from dissimilar or corrosive materials with a non-conductive coating and/or sealant material. This is important with window/door from and aluminum siding installation. Install trim exterior of window to enhance performance.

5. The size and weight of the window/door will require shim blocks under the sill to maintain straight and level condition of unit, and to prevent rotation, sagging, bowing, and dipping. Make sure the window/door sill is not sitting directly on masonry, short-circuiting the sill thermal break. Shim and adjust the unit to achieve a plumb, square, and level condition as well as even reveal around the frame opening. Do not twist or bow the frame. Leave adequate clearance (3/8") at head, to allow for header to sag. Do not shim center of head, also to allow for header to sag. Keep siding material 3/8" off the window head, as pressure will cause unit head to sag, damaging the glass and causing difficult operation of the window/door.

6. Secure the full perimeter of the window/door using nails or screws in accordance with local building codes. Casement windows will require additional fasteners near both top and bottom hinges and pivot points. Adjust operating sash for proper operation after installation.

### **Sealing and Insulation**

7. Fill the interior voids between wood stud (rough opening) and frame with rock wool or fiberglass batten type insulation to eliminate cold drafts. Do not over pack and distort the frame. Do not use spray type expanding foam insulation, since this will void the frame warranty.

8. Proper flashing and sealing are necessary to prevent water from entering between the window/door frame and adjacent wall. THE flashing material must meet ASTM D-779.

9. Sealing/caulking between the unit and flashing/building must conform to AAMA 800-92 or as approved by the sealant manufacturer. The sealant must be elastomeric, non-hardening, and compatible with window or door framing and adjacent wall materials.

10. Seal and caulk the exterior perimeter of the frame to insure weather tight installation. Plug and seal any unused anchor holes; seal anchor screw heads in the frame sill.

## **Caution**

- Insert screens are not for preventing children from falling out or protection from flying objects. Insert screen do not contribute to security.
- Most window/door hardware and components are maintenance free. They come with factory lubrication.

## **ADJUSTING AND CLEANING**

1. After completion of installation, windows shall be inspected, adjusted, put into working order and left clean, free of labels, dirt, etc. Protection from this point shall be responsibility of others.
2. M-25 and M-35 Series Windows: When closing the window sash, be sure the outside sliding panel is closed. The inside sliding panel alone will not keep out the rain.
3. Final cleaning shall be by others.