

Part 3: DELIVERY, STORAGE & HANDLING

3.1 Delivery: Reasonable care shall be exercised during shipping and handling in keeping with the decorative nature of product.

3.2 Storage & Protection: Store upright in a dry, well ventilated building or shelter at a constant temperature. Do not store in damp areas or freshly plastered buildings. Place units on wood blocks at least 2" high to prevent moisture at threshold and/or possible damage. Do not place in non-vented plastic or canvas shelters.


Part 4: EXECUTION

4.1 Examination: Site verification of substrate conditions, which have been previously completed, are acceptable for the product installation instructions in accordance with manufacturer's specifications. Verify that door frame openings are constructed plumb, true and level before beginning installation process. Select fasteners of adequate type, number and quality to perform the intended functions.

4.2 Installation: Remove protective packaging just prior to installation. Installer shall be experienced in performing work required and shall be specialized in the installation of work similar to that required for this project. Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions and product packaging instructions for installation.

4.3 Flashing, Insulating & Trimming: Exterior of installed unit shall be flashed, trimmed & sealed to prevent air infiltration and/or water penetration. Interior of installed unit shall be insulated & trimmed to prevent thermal and/or acoustical transmission.

4.4 Finishes: Various types of materials are used in the construction of the door system; each shall be sealed in accordance with manufacturer's specifications to protect against various environmental conditions. Make sure to seal and inspect all 5-surfaces (top, hinge side, lock side, exterior face and interior face) of the active door panel(s). Finishing and/or re-finishing must be completed within 45-days from the time the protective packaging was removed and/or the installation was performed. Conduct periodic inspections of all coated surfaces to insure that door components are not exposed. Inspections should occur at least once a year. Reseal the surface as needed.

 **Part 5: BUILDING CODE & REGULATORY COMPLIANCE**

5.1 Fire Resistance: Unit scheduled for installation in openings requiring compliance with national, state or local fire guidelines shall be clearly noted when product is ordered. Masonite® HD wood-edge steel door panels have been evaluated for use as fire doors in 20-minute locations; available up to 3'0" x 7'0" maximum size for single door opening requirements. Labeling is

available under the Intertek Testing services / Warnock Hersey program. Fire doors require the use of a fire rated frame system and must be installed in accordance with NFPA 80 guidelines. (Please check with manufacturer or distributor for limitations of use).

5.2 Structural Performance & Impact Rating: Unit scheduled for installation in openings requiring compliance with national, state or local wind load and/or missile impact resistance shall be clearly noted when product is ordered. Design pressure (DP) ratings are available for a wide selection of door styles and configurations are listed under the National Accreditation & Management Institute (NAMI) program. Masonite® HD wood-edge steel door unit is available up to +70.0 / -70.0 Design Pressure (DP) rating available up to 3'0" x 8'0" maximum size for single door. (See structural performance data for unit specific DP/impact information).

5.3 Thermal Performance: Unit scheduled for installation in openings requiring compliance with national, state, or local thermal resistance and/or solar heat gain shall be clearly noted when product is ordered. U-Factor & SHGC ratings in accordance with the International Energy Conservation Code (IECC) and/or the National Fenestration Rating Council (NFRC) are available for a wide selection of door styles. ENERGY STAR compliance / labeling is available for various door styles. Masonite® HD wood-edge steel door unit without glass has 0.13 U-factor/ 0 SHGC. (See thermal performance data for unit specific thermal information).

5.4 Acoustical Performance: Unit scheduled for installation in openings requiring a specified noise control rating shall be clearly noted when product is ordered. Masonite® HD wood-edge steel sound transmission classification (STC) rating is 24 for a door without a glass insert. (See acoustical performance data for unit specific information).

5.5 General Performance: All door systems are designed to comply with water penetration guidelines in accordance with ASTM E331 and/or Florida Building Code TAS202; air infiltration guidelines in accordance with ASTM E283 and/or Florida Building Code TAS202; forced entry resistance guidelines in accordance with Florida Building Code TAS202.

Part 6: WARRANTY

6.1 Manufacturer warrants the panel to be free of manufacturing defects in material and workmanship for 5-years. Please check with manufacturer or distributor for current warranty terms and conditions.