

Architectural Specifications
– Rite-Hite Doors’ Impact Door Model 4800WD –
Section 08380

PART 1 - GENERAL

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- 1.1 CONDITIONS SPECIFIED ELSEWHERE: Section 010000 - General Requirements.
- 1.2 SUBMIT SHOP DRAWINGS showing overall dimensions (width, height).
- 1.3 SUBMIT 3 copies of manufacturer’s owner’s manual and maintenance manual.
- 1.4 WARRANTY: Proposals submitted without the following written warranties will be considered non-responsive:
 - 1.4.1 Door manufacturer shall provide with his bid a written two (2) year warranty.
 - 1.4.2 Door parts covered under the warranty shall include all components
 - 1.4.3 Door parts not covered under the warranty shall include: None.
 - 1.4.4 In addition to all other warranties, the manufacturer shall warrant that the equipment will perform in a manner satisfactory to the Owner for a period of 12 months after date of installation. If Owner is not then satisfied with the performance of the equipment, the Owner may notify the manufacturer, and the manufacturer shall remove the equipment and refund the equipment purchase price to the Owner.

PART 2 - PRODUCTS

- 2.1 Impact Doors shall be Model 4800WD as manufactured by Rite-Hite or an approved substitute. Doors shall be sized by manufacturer to meet specific application requirements.
 - 2.1.1 Impact doors shall be made for _____ wide x _____ high door opening(s).
 - 2.1.2 Impact door shall have 1-1/4” square stainless steel tubular frame with high density foam core. Facing to be 1/8” ABS riveted to frame with stainless steel rivets, using foam tape.
 - 2.1.3 Panels shall be suspended by through stainless steel rivets between internal stile and one piece 11 gauge stainless steel outer stile. Outer stile shall be welded to a 1-5/16” stainless steel shaft.
 - 2.1.4 1/4” thick polycarbonate vision panel shall be a single pane recessed in door and secured with 18 ga stainless steel “Z” frame. Vision shall be replaceable in the field.

- 2.1.5 Jamb mounted hardware shall provide a 180 degree opening consisting of 1-1/4" rise cam with needle bearing follower and lower pivot hinge, and shall be provided in ductile iron; factory aligned and pinned.
- 2.1.6 Full perimeter gasketing shall be provided.
- 2.1.6a 35 oz. Hypalon® loop at header.
- 2.1.6b 35 oz. Hypalon on both leading edges filling a minimum 2-1/2" safety gap.
- 2.1.6c PVC/polyurethane stile mounted blade seal.
- 2.1.6d 35 oz. Hypalon bottom blade air seal.
- 2.1.6e Flexible Hypalon covers for top hardware.
- 2.1.7 Lower hardware pivot hinge shall be enclosed with 10-1/4" high x 3/16" steel jamb guard.
- 2.1.8 Lower shaft shall be threaded for 5" steel spring which shall compensate for up to 10 mph pressure with adjusting nut.
- 2.1.9 Lower 24" of door shall have 1/4" thick polyethylene tear drop bumpers installed with pre threaded stainless steel sleeves in frame and stainless steel bolts and washers.
- 2.1.10 ABS facing shall be selected from manufacturers standard colors.

PART 3 - EXECUTION

- 3.1 **INSTALLER** shall examine the jamb conditions into which the Impact Door is to be installed, and notify the A/E and contractor in writing of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the installer.
- 3.2 **DOOR MANUFACTURER'S REPRESENTATIVE** shall install the Impact Door in accordance with the approved shop drawings and manufacture's recommendation. Location of Impact Door shall be indicated on drawings.
- 3.3 **ADJUST UNITS** to operate smoothly.
- 3.4 **AFTER INSTALLATION** is complete, a representative of the manufacturer shall examine the installation and require that all adjustments to assure proper operation of the Impact Door has been made. Before acceptance, a demonstration shall be conducted in the presence of the Owner's representative that all doors operate properly in every aspect.