**SECTION PART 1 – GENERAL**

**1.1 RELATED DOCUMENTS**

A. The Drawings and general provisions of the Contract, including General Conditions, Supplementary Conditions, and Division 1 Specification Sections, apply to this Section.

**1.2 SUMMARY**

A. This Section includes traffic doors and door frames.

**1.3 SUBMITTALS**

A. Product Data: Submit product data for each specified type of door and frame. Include detailed information on materials, components, profiles, finishes, and fire ratings (if applicable).

B. Shop Drawings: Submit shop drawings showing fabrication and installation details for traffic doors and frames. Drawings shall include plans, elevations, sections, and details of attachment to adjacent construction.

**PART 2 – PRODUCTS**

**2.1 ACCEPTABLE MANUFACTURERS/PRODUCTS A.**

 Traffic Door Manufacturer: Subject to compliance with requirements, no substitutions.

TDK DOORS INC

604-243-1424

sales@tdkdoors.com

[www.tdkdoors.com](http://www.tdkdoors.com)

 B. Model: RS 3000

 RS3000-SS( 22 ga stainless steel finish add on the panel change it into RS3000-SS)

**2.2 DOOR COMPONENTS**

**A. Model RS 3000 Solid Core Traffic Doors**

1. Doors shall be constructed with a 3/4" thick solid wood core and finished with high-pressure laminate on both sides.
2. Doors shall be equipped with stainless steel impact plates, [12", 24", 30", or 36"] high on both faces of the panel.
**OR**
Doors shall be equipped with ABS impact plates, [12", 18", 24", 30", or 36"] high on [one side or both sides] of the panel. Color to be selected by the Architect from the manufacturer’s standard color range.
**OR**
Doors shall feature polyethylene teardrop bumpers with a 3" projection, [6", 12", 18", 24", 36", or 42"] high.
3. Standard hardware shall be the "E" Series adjustable gravity-close system with powder-coated panel-mounted hinge body and matching powder-coated jamb mounting brackets. Removable black covers allow for hinge adjustment during installation. Optional stainless steel covers are available.
**OR**
Optional "E" Series adjustable gravity-close hardware system in stainless steel, including a stainless steel panel-mounted hinge body and stainless steel jamb mounting brackets. Removable covers shall also be stainless steel.
4. Bottom hinge assembly shall include a 1/2" diameter powder-coated steel pin with a panel-mounted saddle bracket and all necessary hardware for floor and jamb mounting.
**OR**
Optional bottom hinge assembly shall include a 1/2" diameter stainless steel pin with a panel-mounted saddle bracket and all necessary hardware for floor and jamb mounting.
5. Standard window shall be a 9" x 14" shatter-resistant acrylic pane, factory-installed and sealed in black rubber molding. The window shall be centered 60" above finished floor level.
**OR**
Optional window types include:
– 9" x 14" acrylic window
– 12" round gasketed window
– Flush-mounted window

**2.3 FABRICATION**

**A. General:**
Traffic doors shall be provided as complete, factory-assembled units, ready for installation.

**B. Metal Surfaces:**
Metal components exposed to view upon project completion shall be free of blemishes, and have smooth, flat surfaces.

**2.4 WARRANTY**

**A.** The manufacturer shall provide a warranty of **730 days from the date of installation** or **760 days from the date of shipment**, whichever occurs first.

**PART 2 – EXECUTION**

**A.** Install traffic doors complete with all necessary hardware and accessories in accordance with the final approved shop drawings, the manufacturer's instructions, and the requirements specified herein.

**B.** All assemblies shall be installed plumb, level, and properly aligned.

**C.** Upon completion of installation, all doors shall be lubricated, tested, and adjusted to ensure smooth operation without warping, twisting, or distortion.

**END OF SECTION**