



## STEEL FRAME

## INFORMATION SHEET

### OVERVIEW

Each frame is manufactured with HSS tubular steel. The doors are designed with a variety of tube sizes. Sizing is determined by door size, wind loads, and weight of the exterior finishing. Thicker steel is used in areas where loads are greater, and steel is minimized in areas (where applicable) to reduce weight and loads on the building. This maximizes strength while maintaining a lightweight design.

The triple internal truss is designed to prevent deflection of the door by strengthening the frame to withstand the wind loads of your location. All three trusses are strategically placed on the inside of the door frame to provide the door with a polished exterior look.

Steel is prepared in an acid wash bath, which removes any oil and debris before being assembled by a certified CWB (Canadian Welding Bureau) welder. The frame is painted with a quality two-part urethane finish paint. The standard colour is charcoal gray. This finish is extremely durable and weather resistant.

### TECHNICAL SPECS

Steel Type: ASTM A500

Grade: C

Wall Thicknesses: 0.083"-0.250"

Finish: Two-part polyurethane paint

Standard Colour: Charcoal gray

Colour Code: QC

### WARRANTY

The door is free of manufacturing defects in material and workmanship for a period of two years. The door will not warp, crack, or buckle under normal intended use as a door.



### FREQUENTLY ASKED QUESTIONS

**What wind loads is the door frame designed to?**

Each door frame is specifically designed for the 1/50 (the highest wind speed in a 50-year span) wind speeds of the building's location.

**Can you customize the spacing between frame members?**

We can adjust the frame's member spacing to accommodate our customers' needs. For example, with custom exterior finishes, fastener attachment points are often pre-specified. In this case we can adjust the frame members to align accordingly.

**Does the frame ship to site in one piece?**

Doors that are less than 20ft tall and 60ft wide arrive completely assembled and pre-wired. The door frame arrives folded in an "A" frame position. Larger doors are typically shipped split vertically or horizontally. Split doors do require minimal onsite assembly.

