Polystyrene Insulated Core Doors

Polystyrene Insulated Core Doors are available in standard 18 ga A-40 steel. For heavy duty commercial and industrial applications 16 ga and 14 ga are available as options.

Standard material is A-40 18 g galvanneal steel. Options for steel available are A-40 and A-60 galvanneal and G-90 galvanized as well.

Maximum size per leaf is 4’6” x 10’2”

Doors can be made to any fractional width or height Standard Pre-fit sizes unless otherwise noted are:

- width - (Nominal Size) - 1/4 “ Height-(Nominal Size) -7/8 Undercut standard is 3/4” unless specified Hardware Locations are Manufacturered to your specific location Template must be provided by customer

**Fire Rating**

Maximum size up to 3 Hour UL Rating UL 10B or UL 10 C

Single - 4’0” x 8’0”

Standard Pair 8’0” x 8’0”

Double egress Polystyrene doors can’t be fire labeled

Both edges are beveled 1/8 “ in 2 “

Square edges are available on one or both edges

Doors are constructed w/ mechanical lock seam on both edges Standard Door edges have exposed seams:

Option 1 - Tack weld top and bottom of each edge seam and grind smooth.

Option 2 - Tack weld each edge seam every 6” dress and grind smooth. All Internal Door reinforcements are manufactured with A-40 Galvanneal Steel.

Doors can be prepped for all commercial mortise lock hardware applications and reinforced for all surface and concealed hardware applications per customer supplied template requirements.

The Polystyrene core is laminated to the steel skins of the door with a high bond moisture cured urethane adhesive.

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**Door Standard Prep**

7 gauge Hinge reinforcement 161 or .134 v blank prep

Air Dry high performance gray primer