

Top & Bottom Channel
16 ga A-60

Lead Lined Steel Stiffened Doors

Lead lined Doors have a standard of 1/16" thick lead, 1/8" and more are available

Lead Lined/Steel Stiffened 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.

Due to weight LL SS doors should be hung on pivot sets or heavy duty heavy weight hinges Consult factory for weight of doors prior to specifying hinges or pivot hardware

Standard material is A-40 18 g galvaneal steel.

Steel Ribs are 18 gauge A-40 and 16 gauge A-40 is available as an added cost.

Steel ribs are vertically welded to each door skin every 4" Steel Ribs are spaced no more than 6" apart Area between ribs is filled with polystyrene EPS panel secured with high bond adhesive securing panels in place. Aging has no effect on panel.

Options for steel available are A-40 and A-60 galvaneal and G-90 galvanized as well.

Lead Lined/ Steel Stiffened 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 Manufactured to your specific location Template must be provided by customer It is not recommended to paint a steel stiffened door with a high gloss paint. 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 Galvaneal 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.

Fire Rating

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

Single - 4'0" x 10'0"

Standard Swing Pair 8'0" x 10'0"


Doors less than or equal to 4'0" x 10'0" single max size Pair 8'0" x 10'0" max size are available with 3 hour rating

Double egress maximum 8'0" x 8'0"

Single doors greater than 4'0" x 10'0" and pairs greater than 8'0" x 10'0" restricted to 90 min rating.

Door Standard Prep

7 gauge Hinge reinforcement 161 or .134 v blank prep
Air Dry high performance gray primer

 <small>MANUFACTURERS OF STANDARD AND CUSTOM HOLLOW METAL FRAMES AND DOORS</small>			
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