

SPECIFICATIONS FOR LEAD CORE METAL DOORS

Patson Lead, Inc. assembles lead core metal doors in our manufacturing facility located in Erlanger, Kentucky. Doors are constructed from metal door halves that are lead lined and assembly welded in our shop. Standard door thickness is 1-³/₄". Available non-rated only. Standard lead cores range in thickness from 1/32" to 1/8". Thicker lead cores can be quoted. Doors are prefit for standard frame clearances, with square or beveled edges. Doors may be prepped for all types of hinges, locksets and other door hardware. All hardware preps are reinforced. Doors do not include hardware, lite kit frames or glass.

DOOR BODY

The metal door is constructed from 12- 18 gauge CRS. The door is stiffened by 22ga. internal channels spot welded at 6" OC maximum. The hinge and lock channel are reinforced to full height with 14 ga. metal. The top and bottom channel are formed from 16 ga. metal. Individual hardware reinforcements use 7 ga. for hinges and 12 ga. for locks and closers.

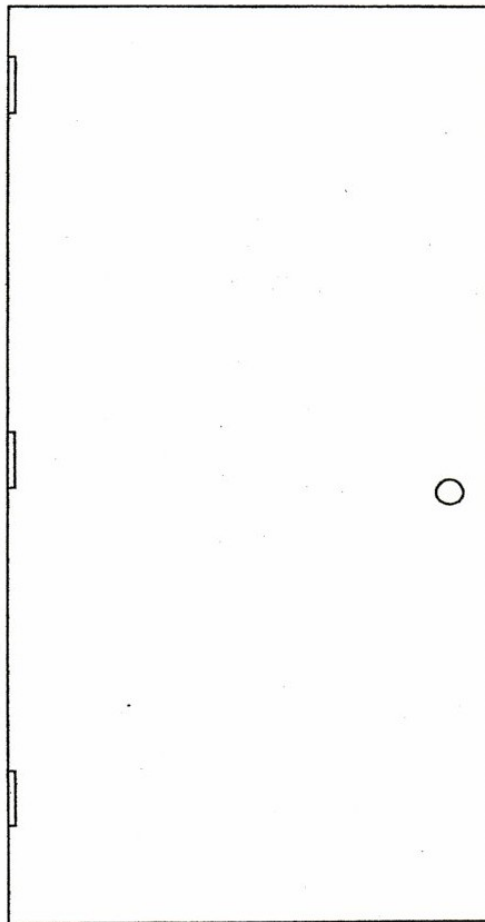
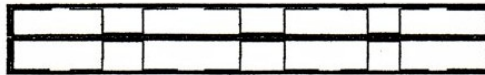
When assembled the door is welded together and all exposed welds are smooth ground.

LEAD CORE

All sheet lead used in the manufacturing process meets or exceeds Federal Specification QQ-L-201f, Grade C. The lead core is located between the stiffeners of the door. This lead core extends from edge to edge and is free from any defects that would affect its shielding performance.

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Lead Lined Flush Door (Steel Stiffened Core)



PATSON LEAD, INC. 2548 AMERICAN COURT ERLANGER, KY 41017
(800) 618-5323 * (859) 363-1600 * FAX (866) 413-3092