



- Steel Stiffened core
- 22 ga. hat shaped stiffeners spot welded 6" on center to face skins (optional 20 ga., 18 ga., 16 ga., 14 ga. and 12 ga. stiffeners)
- R-11 Bat wool insulation between stiffeners
- "Butt" edge (hairline exposed seam centered in vertical door edge over 16 ga. edge channels) (optional 14 ga. and 12 ga. channels) (optional tack welded and filled seams)
- Both vertical edges beveled standard (optional square edge on one or both edges)
- 16 ga. top and bottom inverted channels standard (optional flush channels on one or both ends) (optional 14 ga. and 12 ga. channels)
- 1-3/4" door thickness standard (optional thickness as specified).
- 16 ga. skins standard (optional 14 ga. and 12 ga.)
- Cold Rolled Steel (CRS) standard (optional A60 Galvanealed)
- Painted with rust inhibiting primer
- Standard reinforcements for hardware: 7 ga. hinge pads, 10 ga. lock tabs (with appropriate reinforced boxes) and 12 ga. closure reinforcements
- Approximate performance data:
 - U Factor = .855
 - R Factor = 1.17
 - Acoustical = STC 24
- Maximum UL ratings:
 - 3 Hour = 4'-0" x 10'-0" single
 - 3 Hour = 8'-0" x 10'-0" pair (max. leaf size = 4'-0" x 10'-0")
 - 3 Hour = 8'-0" x 10'-0" DE pair (max. leaf size = 4'-0" x 10'-0")
 - 16 ga. and 14 ga. only (Thickness ranging from 1-3/4" – 2-1/4")



Custom Metal Products

Project: _____

**Door Construction Details
SB Series**

DWG N.T.S

Drawn By: _____

Date: _____

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