

Temperature Rise Steel Doors Fire Rated Core, Composite Construction

Description	Temperature Rise doors are built-to-order, suitable for both interior and exterior locations.
NAAMM / HMMA	802, 810, 850
SDI	II/1, III/1, IV/1 (Open Seam Edge) II/2, III/2 & 3, IV/2 (Seamless Edge) (per A250.8-2003, Level / Model)
Rating	Temp Rise Rating: 250° F or 450° F
Material	1. Cold Rolled Steel 2. A60 or G90 Galvanized
Faces	18, 16, 14 or 12 GA
Door Edges	1-3/4" thick, beveled, 1/8" in 2"
Vertical Edges	1. Welded 3" OC, Seamless 2. Continuous Welded, Seamless 3. Open Seam See Vertical Door Edges
Top / Bottom	16 GA Channels See Door Top & Bottoms
Reinforcements	Hinges: 7 GA, 1-1/2" X 10" Locks: 11 GA or equal # threads Closers: 14 or 12 GA
Service Temp	(Fire Resistant)
Core	Fire Resistant Core R Factor = 3.95 U-Value = .25
Core Density	32 pcf
Core Strength	Compression Strength: 100 psi
STC	Min. Sound Control Rating: STC 33 See Sound Control
Fire Rating	See Fire Rated
Bullet Resistant	See Bullet Resistant
STD Primer	Gray, EPA Approved, Alkyd, zinc compound primer, standard Finish paint also available See Finishes
Quick Ship	1, 3, 5 or 10-Day Options See Quick Ship



Environmental Data

Temperature Rise composite cores are made from natural mineral materials that pose no environmental threat to landfill.

All resins and bonding agents utilized in fabrication are low VOC / environmentally friendly. Stock sheet materials are ordered in sizes that minimize waste.

The long life cycle of steel makes the Temperature Rise door a truly sustainable product.

NOTE: Above door data varies depending on specific design criteria

