

Polyiso Core Steel Doors Composite Construction

Description	Polyisocyanurate core doors are built-to-order, suitable for both interior and exterior locations.
NAAMM / HMMA	None
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)
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	-100° to 250°
Core	Polyisocyanurate R Factor = 12.40 U-Value = .08
Core Density	2.0 pcf
Core Strength	Compression Strength: 28 psi
STC	Min. Sound Control Rating: STC 26 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

The vast majority of all polyisocyanurate is made with recycled (85% or greater) materials. Polyisocyanurate has ZERO ozone depleting potential. It is HCFC free.

All resins and bonding agents utilized in are low VOC / environmentally friendly.

The long life cycle and recyclability of steel makes the Polyiso door a truly sustainable product.

NOTE: Above door data varies depending on specific design criteria

