

## Polystyrene (EPS) Core Steel Doors Composite Construction

Description	Polystyrene 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 <a href="#">Vertical Door Edges</a>
Top / Bottom	16 GA Channels See <a href="#">Door Top &amp; Bottoms</a>
Reinforcements	Hinges: 7 GA, 1-1/2" X 10" Locks: 11 GA or equal # threads Closers: 14 or 12 GA
Service Temp	-50° to 130°
Core	Polystyrene <a href="#">R Factor</a> = 8.05 <a href="#">U-Value</a> = .12
Core Density	1.5 pcf
Core Strength	Compression Strength: 35 psi
STC	Min. Sound Control Rating: STC 23    See <a href="#">Sound Control</a>
Fire Rating	See <a href="#">Fire Rated</a>
Bullet Resistant	See <a href="#">Bullet Resistant</a>
STD Primer	Gray, EPA Approved, Alkyd, zinc compound primer, standard Finish paint also available See <a href="#">Finishes</a>
<b>Quick Ship</b>	1, 3, 5 or 10-Day Options See <a href="#">Quick Ship</a>



### Environmental Data

EPS, a thermoplastic material, is extruded from recycled polystyrene products, and emits no CFC's or HCFC's. All resins and bonding agents utilized in fabrication are low VOC / environmentally friendly.

Natural, 100% biodegradable citrus solvents such as Limonene are utilized to "melt" and recycle polystyrene.

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

NOTE: Above door data varies depending on specific design criteria

