

Technical Data Series

Tech 305 Dutch Door Assemblies



The MPI Group, LLC

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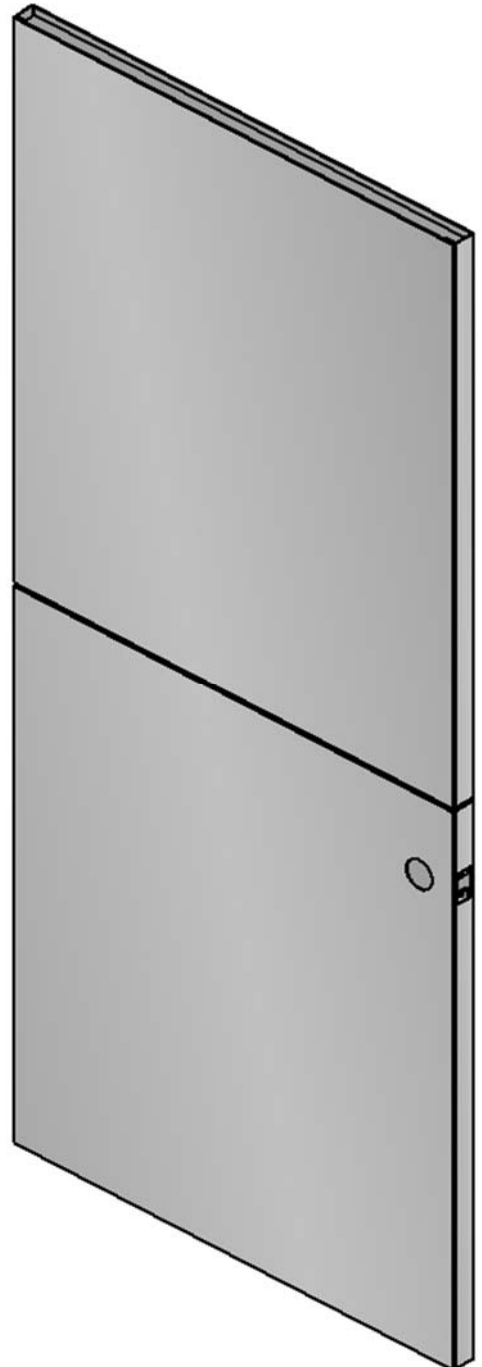
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Technical Data

Dutch Door Assemblies

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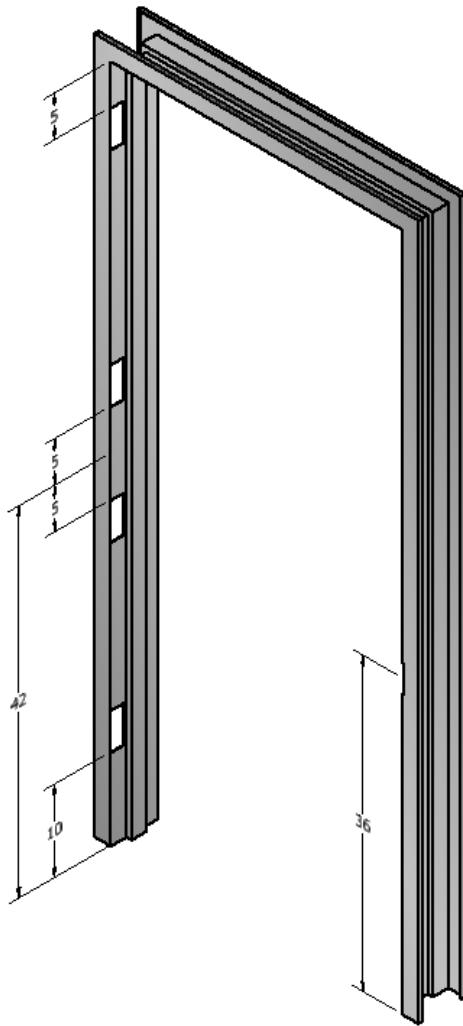
Core	Polystyrene (Reference Tech 301) Polyurethane/Polyisocyanurate (Reference Tech 302) Steel Stiffened (Reference Tech 303) See Reference Sheets for Additional Construction Data	
Face Skin Options	18 Gauge (0.042 min) - ANSI A250.8/SDI 100 Level 2 (Standard Duty) 16 Gauge (0.053 min) - ANSI A250.8/SDI 100 Level 3 (Heavy Duty) 14 Gauge (0.067 min) - ANSI A250.8/SDI 100 Level 4 (Extra Heavy Duty)	
Material Type	Cold Rolled Steel - ASTM A1008 A60 Galvannealed - ASTM A653 G90 Galvanized - ASTM A653 (not recommended) Stainless Steel	
Edge Type	Bevel Hinge & Lock Edge - 1/8" over 2" (Standard) Square Edge (optional)	
Edge Seam	Seamless - Bondo (Standard) - ANSI A250.8/SDI 100 Model 2 Seamless - Continuous Welded (Optional) - ANSI A250.8/SDI 100 Model 2 Open Seam (Optional) - ANSI A250.8/SDI 100 Model 1	
Top Channel	16 Gauge (0.053 min) Top Leaf - Inverted (standard), Flush (optional), Water Tight Seal (optional) Bottom Leaf - Flush	
Bottom Channel	16 Gauge (0.053 min) Top Leaf - Flush Bottom Leaf - Inverted (standard), Flush (optional)	
Fire Rating	Up To 3-Hour, UL 10C, UL 9, UL 1784 Requirements: Steel Stiffened, Astragal Between Top & Bottom, Both Leafs Required to Be Self Latching & Self Closing.	
Shelf Options	No Shelf Required Half Shelf - 16 gauge (0.053 min)	
Warranty	One Year (365 days) from the date of delivery	
Reinforcements	Hinge Cylindrical Lock (Govt 161) Mortise Lock (Govt 86) Flush Bolts Surface Bolts Surface Closer Surface Holder/Stop Pull Plates/Bars Surface Applied Exit Devices Pivots	7 Gauge (0.167 min) 16 Gauge (0.053 min) 11 Gauge (0.108 min) 11 Gauge (0.108 min) 14 Gauge (0.067 min) 14 Gauge (0.067 min) 14 Gauge (0.067 min) 14 Gauge (0.067 min) 14 Gauge (0.067 min) 7 Gauge (0.167 min)



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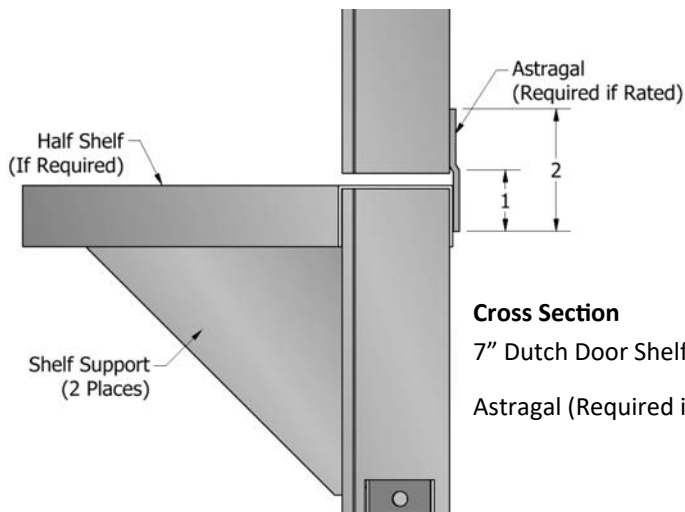
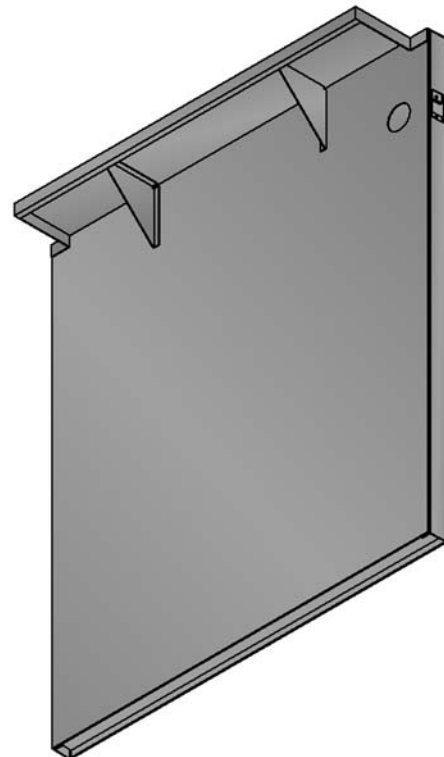
Dutch Door Frame

MPI Standard Locations for Dutch Door Frames

Gap between door leaves: 1/4" with shelf
3/16" without shelf

Bottom Door Leaf

Showing Dutch Door Shelf Installed



Cross Section

7" Dutch Door Shelf if Requested

Astragal (Required if Rated)