



HONEY COMB DOOR

Honeycomb Doors are highly economical doors which blend rigidity, durability, impact resistance and aesthetics in-addition to meeting exceptional level of flatness. These environmental friendly Doors have an excellent rigidity which is achieved by the numerous I-beam like structures formed by the Honeycomb Core. Being light-weighted, these Doors take a very less toll on the Ironmongery used thereby ensuring the longevity of the Doors and the ironmongery.

AREAS OF APPLICATION

- Office
- Motel / Hotel
- Apartment
- Urban Renewal
- Healthcare
- Institution
- Mercantile
- Public Utility
- Factory
- Warehouse
- Portacabins

KEY FEATURES

- Highly Economical and Environmental Friendly
- Cold Rolled Steel, Metallic Coated as per ASTM A 792 Standard offering Superior corrosion resistance
- Kraft Honeycomb Core with smaller cells offering phenomenal flatness and structural rigidity / strength
- Upto 180* Minutes Fire Integrity
- Tested to UBC 7-2, ANSI/UL 10B, 10C (Positive Pressure Test Standard) or BS 476 Part 22 Standard
- Sound Transmission Classification rating upto 34 dB
- Thermal Characteristics: U Factor – 0.41, R Factor – 2.44
- Mechanically interlocked vertical edge seam construction for added structural strength
- 1-3/4" thick Door Leaf suited for wider selection of builders hardware
- Suited for light, medium, heavy duty and extra-heavy duty usage
- Bonding to both steel face sheets with full coat of polyurethane adhesive ensures corrosion resistance and structural rigidity
- 16GA Inverted Top and Bottom end channels welded to both face sheets
- Electrostatically Factory Powder Coated
- 8GA Galvanized Steel Hinge Reinforcement and 13GA Galvanized Steel Closer Reinforcement

AVAILABLE OPTIONS

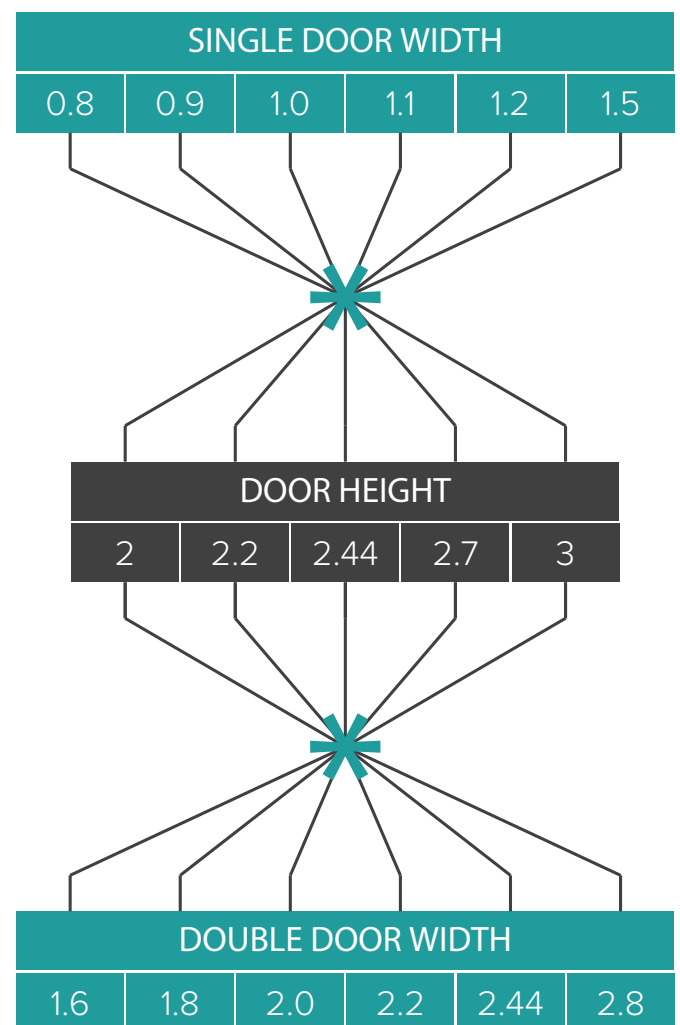
- Base Material Options – Hot Dip Metallic Coated Cold Rolled Steel as per ASTM A 792 Standards, Stainless Steel Grade 304, Stainless Steel Grade 316
- 2-1/32" (or) 2-1/8" Door Leaf Thickness
- Finish Options – Stainless Steel Brush Finish, SS Mirror Finish, Wood Finish (or) Hard Textured Colour, Smooth Finish, Powder Coated, PVDF.
- Design Options – Full Flush (or) Vision Lite (or) Bottom Louver
- Synthetically filled Seamless Edges
- Steel Top and Bottom Channel Cover
- Multiple Frame Profile Options
- Selection of Thickness from Light to Extra Heavy Duty (Refer the below table)
- Cladded (Stone, Brass, Glass)

Door Performance Level Chart

Model	Type	Gauge	Metric (in mm)	Physical Endurance (Cycle Testing)
LEVEL 1 - LIGHT COMMERCIAL DUTY				
1	FULL FLUSH	18	1.2	1,000,000 Cycles
2	SEAMLESS	18	1.2	1,000,000 Cycles
LEVEL 2 - HEAVY COMMERCIAL DUTY				
1	FULL FLUSH	16	1.5	1,000,000 Cycles
2	SEAMLESS	16	1.5	1,000,000 Cycles
LEVEL 3 - EXTRA HEAVY COMMERCIAL DUTY				
1	FULL FLUSH	14	2.0	1,000,000 Cycles
2	SEAMLESS	14	2.0	1,000,000 Cycles

Doors Sizes Chart

(All sizes in meters)



*Not all Ratings are available in all sizes, designs and materials.