DOORWISE

STC (Sound Transmission Class) Ratings

In order for the door to reach the rated performance, it must be installed correctly. The sound insulation depends on not only the door panel but also the acoustical seals provided around the opening. The doorframe needs to be fitted into the wall. Cracks or hollows must be avoided in order to prevent the transmitting of sound.

Following are the ratings achieved by our doors per ASTM E90-90 as conducted and certified by Intertek Testing Services. Since we cannot include all hardware and gasketing material options, the STC value are for the door panels only.

1 ¾" Thick Carved Door – Foam Core Slab or Routed	STC26
1 ¾" Thick Carved Door – Particle Core Slab or Routed	STC 35
1 ¾" Thick Fusion Door –1 ¼" Raised Panel	STC 34
1 ¾" Thick Fusion – 20 minutes Rated Door & 5/8" Flat Panel	STC 32
1 ¾" Thick Fusion Door – 3/8" Flat Panel	STC 30
1 3/8" Thick Fusion Door 3/8" Flat Panel	STC 30
1 3/8" Thick Fusion Door –7/8" & 9/16" Raised Panel	STC 29
1 ¾" Thick Imagine Door – Routed MDF Core*	STC 35
1 ¾" Thick Imagine Door – Foam Core	STC 25

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