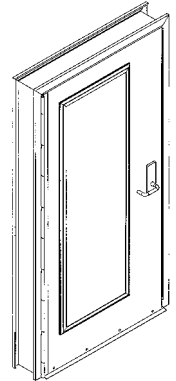


# Acoustical Door

- Sound isolating doors for recording, broadcast, music practice and rehearsal rooms.
- Acoustic Performance: STC 50 - 54
- Four door width options:
  - 3' (91.44 cm)
  - 3 1/2' (106.68 cm)
  - 4' (121.92 cm)
  - 6' (182.88 cm)
- Three door configuration options (in each of the three door leaf widths):
  - No window - applications not requiring any sight lines
  - Narrow window (100 in<sup>2</sup>) (64516.0 mm<sup>2</sup>) - when minimal visual monitoring is required
  - Large vision lite (1296 in<sup>2</sup>) (836127.36 mm<sup>2</sup>) - for maximum sight lines.
- Available UL 1 hour fire rating on solid and narrow window leaves in each door width.
- Continuous cam-lift hinge prevents a potential finger hazard created by open gaps in split hinge designs.
- Cam-lift hinge provides automatic door sealing without relying on other mechanical types of sealing systems.
- Continuous dual magnetic or compression seals provide a higher degree of sound isolation due to the uninterrupted sealing in the hinge area.
- Innovative isolating crimp design provides a structural connection with minimum sound transmission between panels.
- Absorptive material integrated into the door frame between magnetic seals.
- High quality seals and hinges provide long life with minimum adjustments (typically once every five years or 100,000 cycles).
- Split-frame design for easier installation in many types of wall construction from 4 1/2" to 12 1/2" (11.43 to 31.75 cm) thick walls.
- Stainless steel sill plate included.
- Integrated frame support for sill plate.
- Fiberglass backed Teflon® sweep seal to minimize friction in opening and closing the door.
- Door leaf constructed of 12-gauge and 14-gauge steel skins.
- Door frame constructed of 14-gauge steel.
- Vision lites constructed of 1/4" and 3/8" (6.35 and 9.5 mm) laminated safety glass.
- Mortise pocket is standard for easy lever set integration
- Standard powder painted gray primer for better on site finish and painting with less touch up required.
- Wenger quality and service for accurate delivery times with the right product.
- 6' (182.88 cm) door uses (one each) 3' (91.44 cm) RH and LH leaves with a removable center mullion.
- Tamper resistant or no tool mullion removal.
- Five-year warranty.
- Patented Design.



Acoustical Performance

FIRE RATING	NOMINAL WIDTH (FEET)	DOOR TYPE	STC	TRANSMISSION LOSS (dB)						
				125	250	500	1000	2000	4000	
NOT RATED	3	3070 Solid Door	50	34	43	50	53	54	54	
	3	3070 w/100 sq. in. window	50	34	43	50	54	54	54	
	3	3070 w/1296 sq. in. window	51	35	44	51	54	55	55	
	3.5	3570 Solid Door	52	36	45	52	55	56	56	
	3.5	3570 w/100 sq. in. window	52	36	45	52	55	56	56	
	3.5	3570 w/1296 sq. in. window	52	36	45	52	55	56	56	
	4	4070 Solid Door	53	37	46	53	56	57	57	
	4	4070 w/100 sq. in. window	54	38	47	54	57	58	58	
	4	4070 w/1296 sq. in. window	53	37	46	53	56	57	57	
	6	6070 Solid Doors	Not Tested							
6	6070 w/100 sq. in. windows	Not Tested								
6	6070 w/1296 sq. in. windows	51	28	43	51	53	53	56		
1-HOUR RATED	3	3070 Solid Door	49	38	42	47	48	53	52	
	3	3070 w/100 sq. in. window	48	35	41	47	48	52	53	
	3.5	3570 Solid Door	Not Tested							
	3.5	3570 w/100 sq. in. window	Not Tested							
	4	4070 Solid Door	Not Tested							
	4	4070 w/100 sq. in. window	Not Tested							
	6	6070 Solid Doors	Not Tested							
6	6070 w/100 sq. in. windows	Not Tested								

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