

Acoustical Door

- Sound isolating doors for recording, broadcast, music practice and rehearsal rooms
- Acoustic Performance: STC 50 - 54
- Four door widths available:
3' (914 mm), 3' 6" (1067 mm), 4' (1219 mm) and 6' (1829 mm)
- Four door configuration options (in each of the door leaf widths):
 - No window - applications not requiring any sight lines
 - Narrow window 99 in² (63871 mm²) - when minimal visual monitoring is required
 - Small vision lite 660 in² (0.06 m²) - for improved sight lines
 - Large vision lite 1296 in² (0.84 m²) - for maximum sight lines
- Door leaf thickness: 2-1/2" (64 mm) 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 and 10 mm) laminated safety glass
- Standard powder-coat painted gray primer for better on site finish and painting with less touch up required
- 6' (1829 mm) door uses (one each) 3' (914 mm) RH and LH leafs with a removable center mullion
- Tamper resistant or no tool mullion removal
- Available UL 1-hour fire rating on solid and narrow window leafs 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" (114 to 318 mm) 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
- Mortise pocket is standard for easy lever set integration
- Environmental attributes and LEED compliance for this product can be found at www.wengercorp.com/GREEN or by contacting your Wenger representative
- Five-year warranty

Acoustical Performance

FIRE RATED	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/99 in ² (639 cm ²) window	50	34	43	50	54	54	54
	3	3070 w/1296 in ² (8361 cm ²) window	51	35	44	51	54	55	55
	3	3070 w/660 in ² (4258 cm ²) window		Not Tested					
	3.5	3570 Solid Door	52	36	45	52	55	55	55
	3.5	3570 w/99 in ² (639 cm ²) window	52	36	45	53	55	56	56
	3.5	3570 w/1296 in ² (8361 cm ²) window	52	36	45	52	55	56	56
	3.5	3570 w/660 in ² (4258 cm ²) window		Not Tested					
	4	4070 Solid Door	53	37	46	53	56	57	57
	4	4070 w/99 in ² (639 cm ²) window	54	38	47	54	57	58	58
	4	4070 w/1296 in ² (8361 cm ²) window	53	37	46	53	56	57	57
	4	4070 w/660 in ² (4258 cm ²) window		Not Tested					
	6	6070 Solid Doors		Not Tested					
	6	6070 w/99 in ² (639 cm ²) window		Not Tested					
1-Hour Rated	6	6070 w/1296 in ² (8361 cm ²) window	51	28	43	51	53	53	56
	6	6070 w/660 in ² (4258 cm ²) window		Not Tested					
	3	3070 Solid Door	49	38	42	47	48	53	53
	3	3070 w/99 in ² (639 cm ²) window	48	35	41	47	48	52	53
	3.5	3570 Solid Door		Not Tested					
	3.5	3570 w/99 in ² (639 cm ²) window		Not Tested					
	4	4070 Solid Door		Not Tested					
	4	4070 w/99 in ² (639 cm ²) window		Not Tested					
	6	6070 Solid Doors		Not Tested					
	6	6070 w/99 in ² (639 cm ²) window		Not Tested					



Solid



Accent Window



Half Window

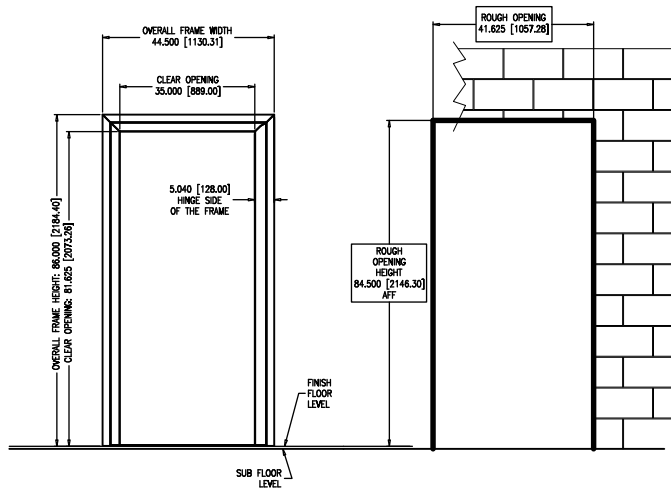


Full Window

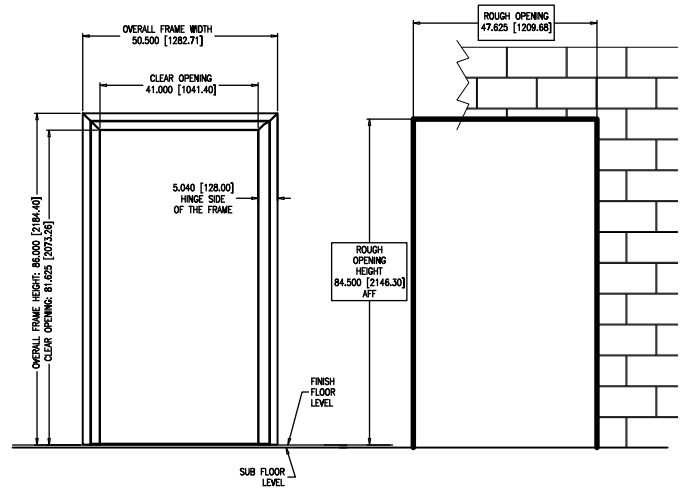


Double Door

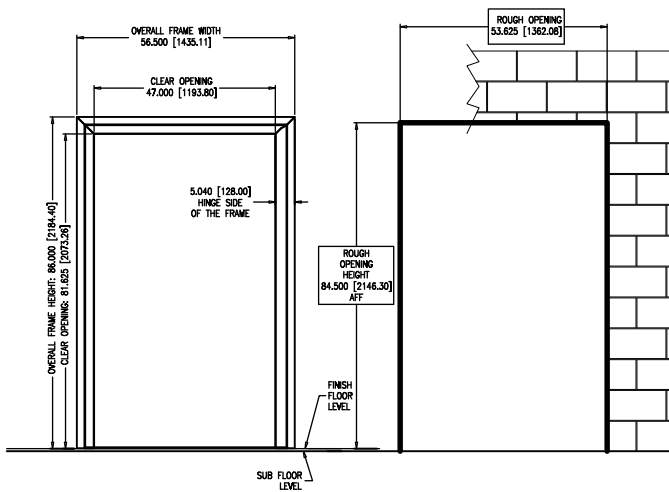
Rough Door Openings



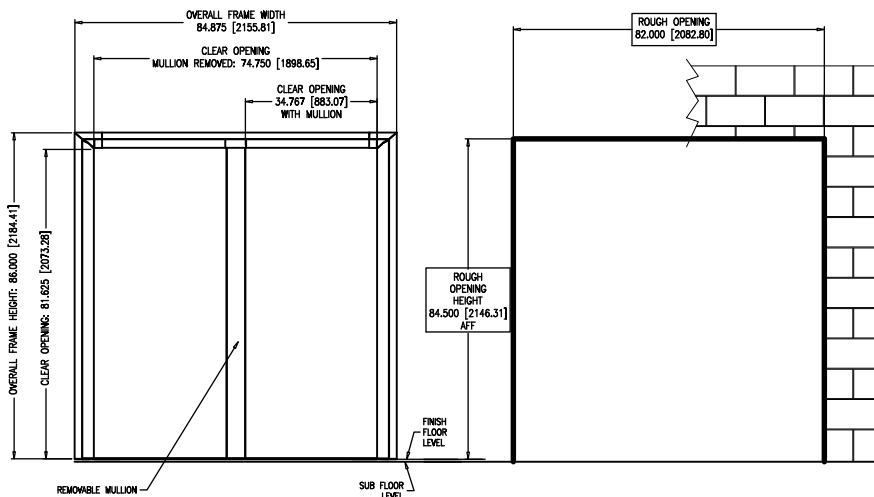
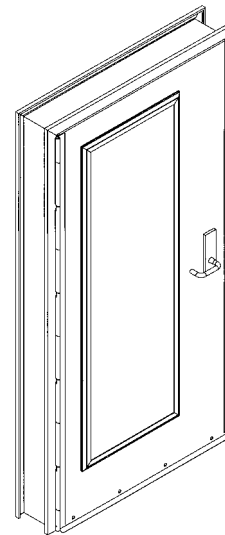
3' Door Rough Opening



3' 6" Door Rough Opening



4' Door Rough Opening



6' Door Rough Opening



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