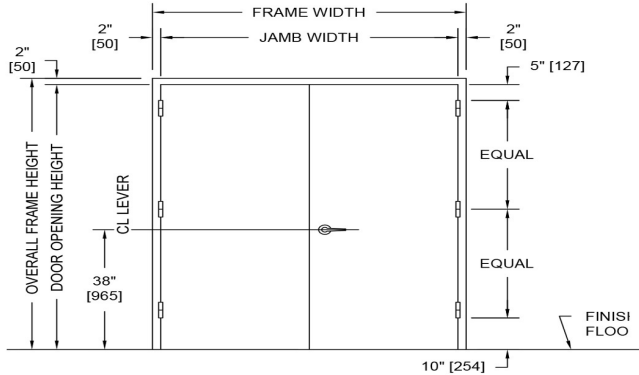


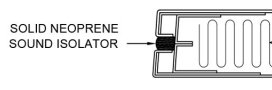
OVERLY DOOR MODEL NO. 509391 (STC 50)



SECURE AREA (INTERIOR)



(KEY) SIDE PUBLIC AREA (EXTERIOR)



TYPICAL EDGE CONSTRUCTION
ABOVE AND BELOW LOCK AND HINGE CUTOUTS

TECHNICAL CHARACTERISTICS

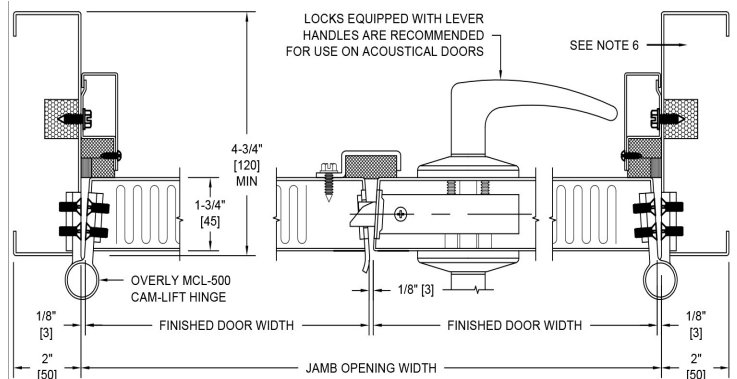
FEATURES

- Fire Rated, STC 50, Pair of Flush Sound Control Door and Frame Assembly, Compression Seals.
- All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint.
- Door bottom required flush level sealing surface. Wood, aluminum or stainless steel threshold recommended. Do not seal against carpet.
- Frame is equipped with Overly Single "H" compression seals at head and jamps. Door is equipped with an overlapping steel astragal at the meeting stile and an Overly super "H" door bottom.
- Door weight is 10.9 pounds per square foot.
- Door can be equipped with standard builders hardware. Customer to specify. Concealed hardware is not recommended for acoustical doors.
- Frames equipped with masonry anchors must be grouted full in field. Bolt-in type frames must have all voids in head and jamps packed with 6 to 12 pound density mineral wool and all voids between wall and frame continuously caulked.
- UL fire labels available in compliance with UL 108 and UL 10C/UBC7-2. Consult factory for specifics.
- Unit tested as pair of doors at Riverbank Acoustical Laboratories. Results are described in Test Report No. TL93-91 with sound transmission results as shown in chart below.
- Door construction is covered by US Patent No. 5,417,029.

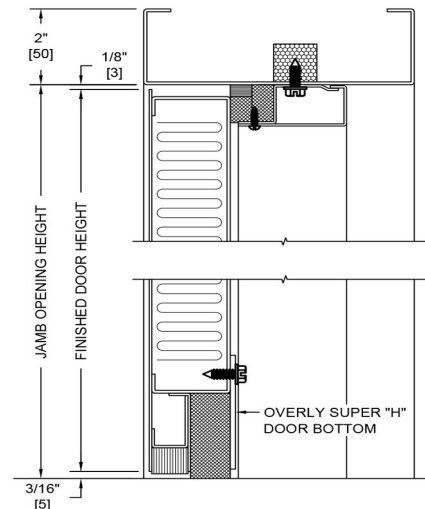
DESCRIPTION

For over 50 years, Overly doors have been the preferred choice for architectural acoustical door and window systems with superior design, testing, and manufacturing techniques.

A variety of STC (Sound Transmission Classification) ratings are available ranging from STC 41 up to STC 57. Along with the standard single swing 3' x 7' doors, Overly doors can be made double, oversized, undersized, free swing non-latching, and as tandem doors. There are many additional options available including metal doors, wood veneer doors, split frames, windows, and fire ratings.



HORIZONTAL SECTION



VERTICAL SECTION

SOUND TRANSMISSION LOSS IN dB AT FREQUENCY / HERTZ																	
100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
29	31	33	36	43	48	49	52	52	54	54	56	56	59	61	61	61	59