

# SERIES

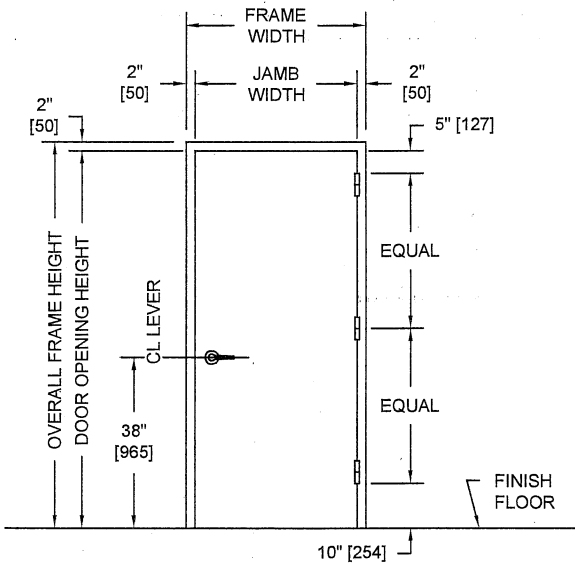
# SC

# OVERLY

DOOR COMPANY

574 WEST OTTERMAN STREET  
 POST OFFICE BOX 70  
 GREENSBURG, PA 15601-0070  
 TELEPHONE: 724-834-7300  
 FAX: 724-830-2871

## MODEL NO. 4612041 / UL FIRE RATED / STC 46 / E90-09 / FLUSH SOUND CONTROL DOOR AND FRAME ASSEMBLY / SINGLE COMPRESSION SEALS

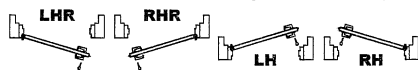


**PUBLIC SIDE ELEVATION**  
 RIGHT HAND REVERSE BEVEL SHOWN

**NOTES:**

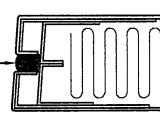
1. All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint.
2. Door bottom requires flush level sealing surface. Wood, aluminum, or stainless steel threshold recommended. Do not seal against carpet.
3. Frame is equipped with Overly single "H" compression seals at head and jambs. Door is equipped with an automatic door bottom.
4. Door weight is 10.0 pounds per square foot.
5. Door can be equipped with standard builders hardware, Customer to specify. Concealed hardware is not recommended for acoustical doors.
6. Frames equipped with masonry anchors must be grouted full in field. Bolt-in type frames must have all voids in head and jambs packed with 6 to 12 pound density mineral wool and all voids between wall and frame continuously caulked.
7. UL fire labels available in compliance with UL10B and UL10C/UBC7-2. Consult factory for specifics.
8. Unit tested as single door at Riverbank Acoustical Laboratories. Results are described in Test Report No. TL12-041 with sound transmission results as shown in chart below.
9. Door construction is covered by US Patent No. 5,417,029.

**SECURED AREA (INTERIOR)**

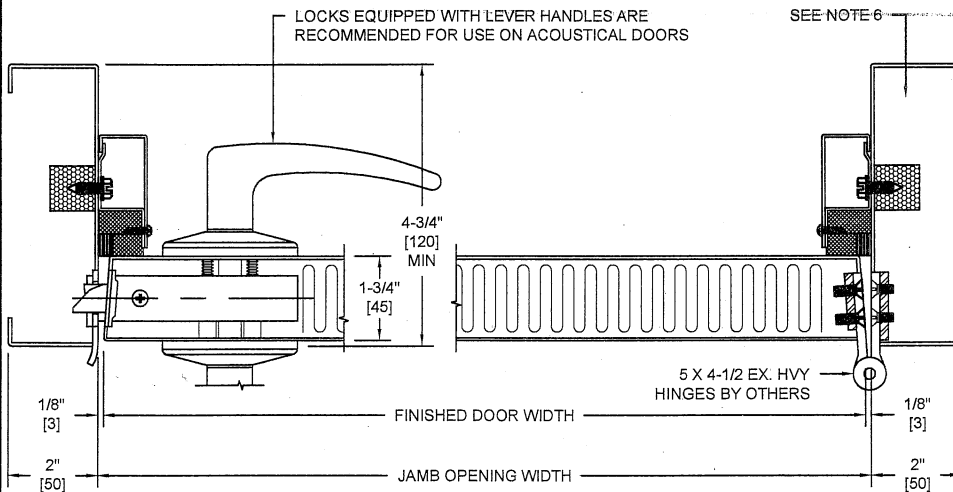


**(KEY) SIDE**  
**PUBLIC AREA (EXTERIOR)**

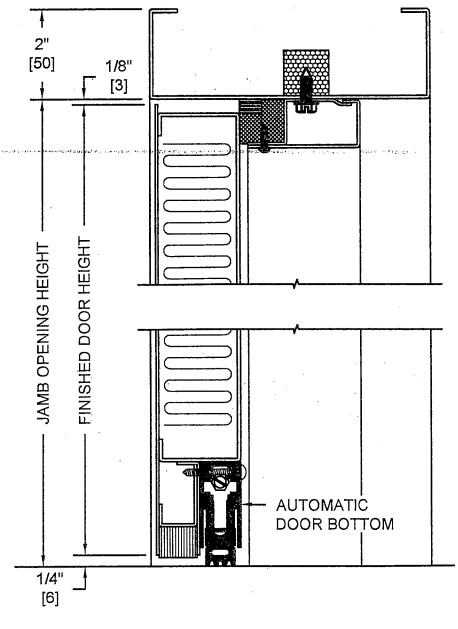
SOLID NEOPRENE  
 SOUND ISOLATOR



**TYPICAL EDGE CONSTRUCTION**  
 ABOVE AND BELOW LOCK AND HINGE CUTOUTS



**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
31	34	39	38	42	47	48	47	47	45	41	44	49	53	53	51	52	54

ALL DIMENSIONS  
 BOTH IN INCHES  
 AND MILLIMETERS