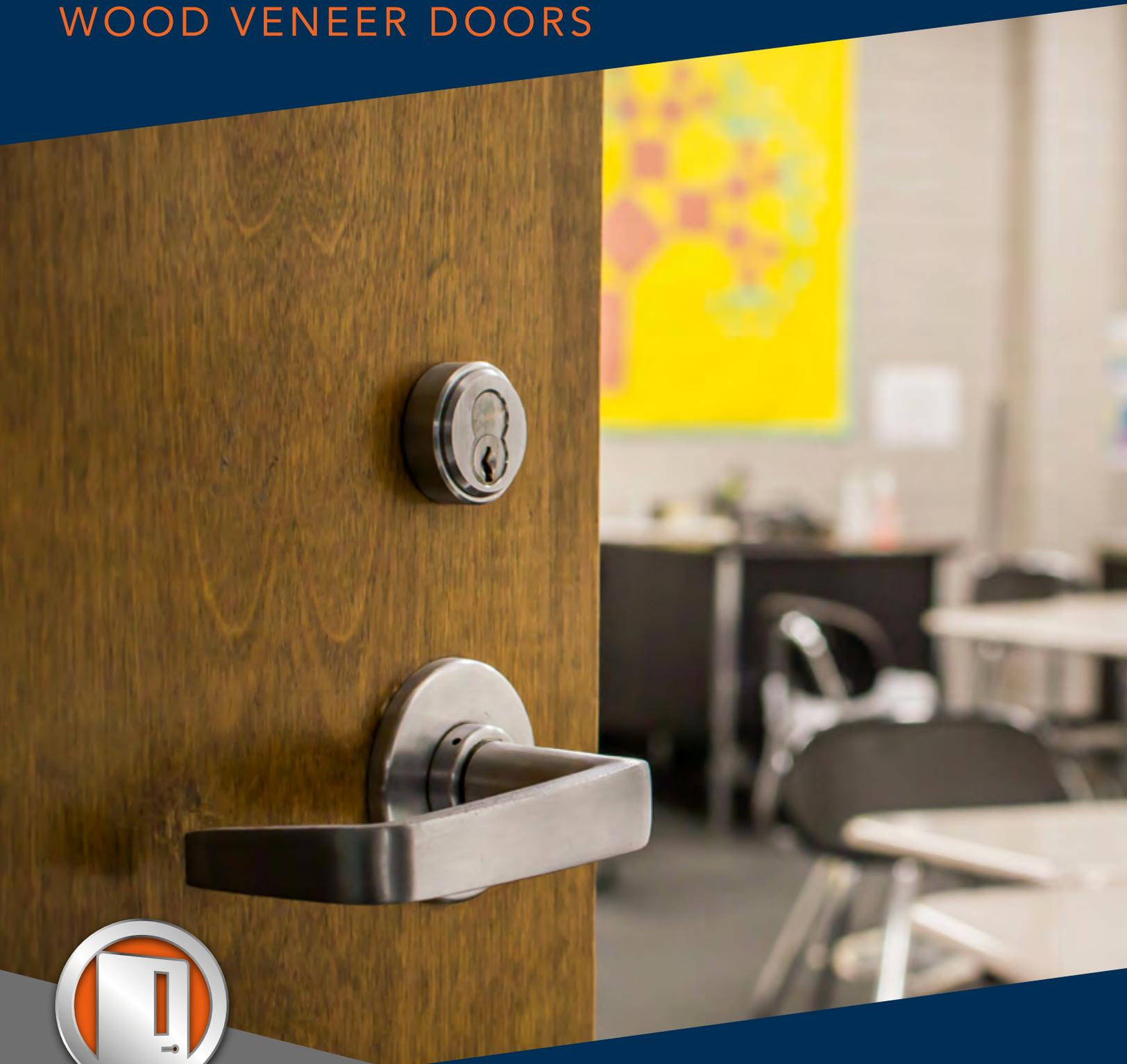


# QuietSwing®

WOOD VENEER DOORS



WHEN ACOUSTIC PERFORMANCE  
IS A REQUIREMENT, QUIETSWING  
DOORS ARE THE ANSWER



# QuietSwing®

## WOOD VENEER DOORS

Noise Barriers is your turnkey provider for all sound control door needs.

- Guaranteed acoustic performance.
- All doors are tested at an independent NVLAP approved testing facility.
- All hardware, seals and hinges are factory installed.
- Door includes custom cam-lift hinge design, eliminating the need for a threshold in most applications.
- Adjustable mortised bottom seal allows the door to adapt to site floor conditions.
- Double magnetic seals at head and jambs.
- Split-frame assembly allows installation into existing openings.
- All doors with vision panels are factory glazed prior to shipment
- Designed to work with standard building hardware, factory installed if desired.
- Ease of operation conforms to ADA.



### **SINGLE-LEAF & DOUBLE-LEAF DESIGN**

- Studios
- Performance Halls
- Classrooms
- Jury Rooms
- Mechanical Equipment Rooms
- Control Rooms
- Secure Areas
- Conference Rooms
- Secure Areas
- Auditoriums
- Quiet Rooms
- Physicians Offices
- Sensitive Compartmented Information Facilities (SCIFs)

## ALL OUR DOOR AND FRAME COMPONENTS ARE SWING TESTED AS A COMPLETE ASSEMBLY PRIOR TO SHIPMENT.

- These are metal doors with wood veneer applied to the face of the doors. The frames are prime painted metal.
- Noise Barriers' Standard Wood Species of Veneer include: Anigre, Ash, Beech, Birch, Cedar, Cherry, Mahogany, Maple, Red Oak, White Oak, Pine and Spruce. Other species are available for special pricing.
- Standard veneer does not include Rotary Cut or Book Matching. These options are offered at an additional cost.
- Wood veneered doors need to be stored in a clean, dry area that is temperature (60 to 90 degrees F) and humidity (50% maximum) controlled. If doors are purchased un-sealed they must be sealed as soon as possible after receipt on the job site but no more than 2 days.
- Only the use of polyurethane, acrylic urethanes or lacquer finishes are acceptable. Water based stains are not acceptable. They will not degrade the adhesive used to bond the veneer to the metal door face.



**\*ALX-51 (ALEXIS)  
FEATURES A  
CONCEALED HINGE**



**SUPERIOR  
CRAFTSMANSHIP**



**LARGE VARIETY OF  
COLOR OPTIONS**

\*All other models available with a cam lift Hinge.



## ACOUSTICAL PERFORMANCE DATA SOUND TRANSMISSION LOSS DATA, dB

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
<b>ALX-51, 1<sup>3/4</sup>" Thick</b>	27	45	48	53	53	55	<b>51</b>
<b>QS-45, 2<sup>1/2</sup>" Thick - 11.2 PSF</b>	29	33	41	48	48	50	<b>45</b>
<b>QS-46, 2<sup>1/2</sup>" Thick - 8.6 PSF</b>	36	41	45	51	50	52	<b>46</b>
<b>QS-50, 2<sup>1/2</sup>" Thick - 10.1 PSF</b>	37	42	50	49	51	55	<b>50</b>
<b>QS-51, 2<sup>1/2</sup>" Thick - 10.1 PSF</b>	40	44	48	52	52	55	<b>51</b>
<b>QS-52, 2<sup>1/2</sup>" Thick - 10.5 PSF</b>	40	44	50	53	54	56	<b>52</b>
<b>QS-54, 2<sup>1/2</sup>" Thick - 18.3 PSF</b>	37	47	52	54	55	60	<b>54</b>
<b>QS-56, 2<sup>1/2</sup>" Thick - 20.9 PSF</b>	38	46	55	55	60	63	<b>56</b>

All tests performed by an independent NVLAP accredited acoustical testing facility. The test method conforms with ASTM Designations E90-09 and E413-87

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
<b>QS-61, 3<sup>1/2</sup>" Thick - 19.3 PSF</b>	42	53	59	63	66	71	<b>62</b>
<b>QS-64, 5" Thick - 19.7 PSF</b>	51	59	70	70	71	73	<b>70</b>

These are an NIC 62 and 70. Field testing results may vary due to Room Size, Configuration, and Room Acoustics.



NOISE BARRIERS.

