



**Architectural
Wood Doors**

HERITAGE / PALLADIUM COLLECTION:STC

ACOUSTIC CORE DOORS
NON-RATED

SG16 (STC 46-49) MULTI-PLY CONSTRUCTION

WOOD VENEER, HPDL, INPRO RIGID VINYL, MDO, PAINT GRADE VENEER

THICKNESS	1-3/4" (± 1/16")
SIZE	Min. 2'-0" x 6'-0", Max. 4'-0" x 8'-0"
CORE	SG16 Acoustic Core, 70% of door construction weight
LEAD	Contains an 1/16" overall lead thickness
VERTICAL EDGES (STILES)	Structural Composite Lumber (SCL) with matching/compatible wood veneer, matching HPDL, matching fixed vinyl, or finish mill option (primed or painted) edges
HORIZONTAL EDGES (TOP & BOTTOM RAILS)	Structural Composite Lumber (SCL) - Sealed Top & Bottom Rails
FACES	Wood Veneer (A Grade Book & Running standard), HPDL, Inpro® Rigid Vinyl (.040"), MDO, Paint Grade Veneer, some limitations may apply
CROSSBANDS	High Density Fiberboard (HDF), 20% of door construction weight, Pre-consumer recycled material
STANDARDS	Bevel: 1/8" in 2" or 3° Type 1 Polyvinyl Acetate (PVA) Adhesive
FINISH	Transparent; WDMA TR-8/AWS System 9 (UV Cured Acrylated Polyurethane) Primed; Wood accessories available primed; Additional field sanding and cleaning required prior to application of paint Opaque; WDMA OP-8/AWS System 9 Laminate; Woodgrains, Solid Colors, & Patterns Palladium; Woodgrains, Solid Colors, & Elements
HARDWARE/LITES	Butt Hinges, Electric Hinges, Cylindrical Locks, Mortise Locks, Rim and Surface Exit Devices, limitations may apply Pre-drilled hinge pilot holes Refer to Lite/Lock Cutout Margins Technical Bulletin Refer to VT Soundsource for lite approvals
ACOUSTICAL RATING	STC 46, 47, 48, 49; ASTM 90 / ASTM E413 Tested in 18-guage, welded fully grouted steel frame Latching required to maintain STC rating Test Reports available
QUALITY STANDARDS	WDMA I.S. 1-A & AWS, Section 9 Quality Standards (Bonded Core) Custom Grade (standard) or Premium Grade (available)
WDMA PERFORMANCE LEVEL	Heavy Duty For Extra Heavy Duty, blocking for hardware is required
SUSTAINABILITY	CARB Phase 2 / TSCA VI Compliant GREENGUARD GOLD FSC® upon request, Environmental Product Declaration (EPD), Health Product Declaration (HPD) Consult VT for LEED documentation Refer to VT Sustainability page
WARRANTY	Limited Lifetime, Interior use only, reference VT Warranty

ACOUSTICAL CAPABILITIES	STC 46-48	STC 49
FIRE RATING	NR	NR
PAIRED OPENINGS	N/A	N/A
LITES	N/A	N/A
GASKET SYSTEMS	VT5 , VT6 , VT7	VT5 , VT6
WEIGHT (PER SQ FOOT)	10.5lbs	10.5lbs

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