



**Architectural
Wood Doors**

HERITAGE / PALLADIUM COLLECTION:STC

5550H, 5P50H, 1250H, 1P50H

ACOUSTIC CORE DOORS
NON-RATED, 20-MINUTE POSITIVE PRESSURE
SG4.5/RIGICORE EXLC (STC 42-45) 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 9'-0" (Non-Rated), Max. 4'-0" x 8'-0" (20-Minute)
CORE	SG4.5/RigiCore EXLC Acoustic Core, 70% of door construction weight
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) with matching/compatible wood veneer, matching HPDL, matching fixed vinyl, or finish mill option (primed or painted) edges
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° Fire rated clearance per NFPA 80, Fire rating per UL 10C/NFPA252 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, and Patterns Palladium; Woodgrains, Solid Colors, and 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 42, 43, 44, 45; 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 42	STC 43	STC 44	STC 45
FIRE RATING	NR	NR-20M	NR-20M	NR-20M
PAIRED OPENINGS	N/A	N/A	N/A	N/A
LITES	Available VT Soundsource	Available VT Soundsource	N/A	Available VT Soundsource
GASKET SYSTEMS	VT12 , VT2 , VT3	VT12 , VT2 , VT3 , VT7	VT12 , VT2 , VT3 , VT7	VT12 , VT2 , VT3 , VT7
WEIGHT (PER SQ FOOT)	8.6lbs	8.6lbs	8.6lbs	8.6lbs

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