



Architectural
Wood Doors

HERITAGE COLLECTION:FD-3

VFRE

FIRE COMPOSITE CORE DOORS
45-, 60-, 90-MINUTE POSITIVE PRESSURE

PRIMED HDF

THICKNESS	1-3/4", 2", or 2-1/4" (± 1/16")
SIZE	4'-0" x 9'-0"; Refer to Fire Door Capability Chart for allowances and restrictions
CORE	Fire Composite (Pyroforce) Refer to VT Entry System Comparison Tool for door/core type guidance
VERTICAL EDGES (STILES)	Structural Composite Lumber (SCL) or Fire Composite as required, with concealed intumescent (Category A), finished mill option (primed or painted) edges
HORIZONTAL EDGES (TOP & BOTTOM RAILS)	Structural Composite Lumber (SCL) or Fire Composite as required, with intumescent (Category A) on the top rail only - Sealed Top & Bottom Rails
FACES	Primed High-Density Fiberboard (HDF), 20% of door construction weight, Pre-consumer recycled material
STANDARDS	Bevel: 1/8" in 2" or 3° Fire rating per UL 10C/NFPA252 Fire rated clearance; 3/16" at 45-60-min, 1/8" at 90-min (NFPA 80) Type 1 Polyvinyl Acetate (PVA) Adhesive
FINISH	Primed; Wood accessories available primed Additional field sanding and cleaning required prior to application of paint
HARDWARE/LITES	Butt Hinges, Electric Hinges, Cylindrical Locks, Mortise Locks, Rim, Concealed, and Surface Exit Devices Pre-drilled hinge pilot holes Refer to Fire Door Capability Chart for allowances and restrictions Refer to Lite/Lock Cutout Margins Technical Bulletin
ACOUSTICAL RATING	STC 36, 37; ASTM 90 / ASTM E413 Tested in 18-gauge, welded fully grouted steel frame Latching required to maintain STC rating Test Report available
QUALITY STANDARDS	WDMA I.S. 1-A & AWS, Section 9 Quality Standards (Bonded Core) Premium Grade
WDMA PERFORMANCE LEVEL	Heavy Duty For Extra Heavy Duty; Refer to WDMA Performance Duty Levels Technical Bulletin
SUSTAINABILITY	CARB Phase 2 / TSCA VI Compliant GREENGUARD GOLD FSC® upon request, Environmental Product Declaration (EPD), Health Product Declaration (HPD) Declare Label Consult VT for LEED documentation Refer to VT Sustainability page
WARRANTY	Limited Lifetime, Interior use only, reference VT Warranty

ACOUSTICAL CAPABILITIES	STC 36	STC 37
FIRE RATING	45-60M	45-60-90M
PAIRED OPENINGS	N/A	Available
LITES	Available VT Soundsource	Available VT Soundsource
GASKET SYSTEMS	VT12 , VT2 , VT3	VT12 Single , VT2 Single , VT3 , VT12 Pair , VT2 Pair
WEIGHT (PER SQ FOOT)	8.5lbs	8.5lbs

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CUSTOMER
SERVICE

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