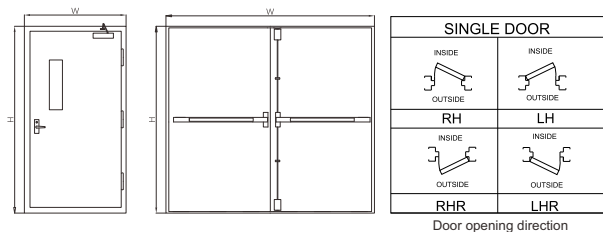


Swinging-type wooden fire rated door

Swinging-type wooden fire rated door from TPMC is engineered to protect interior wall openings against fire and smoke spread in commercial and residential buildings. Available in single- and double-leaf configurations, each door features a high-density mineral core, solid hardwood lipping, and fire-resistant facings for reliable thermal insulation and flame retardance. Designed to maintain structural integrity, it delivers effective compartmentation while blending with commercial interior finishes.



- Certificate: UL Listed
- Standard: NFPA 80, UL 10B, UL 10C, NFPA 252
- Fire rating: 20 / 45 / 60 / 90 minutes
- Feature: Fire-resistant and smoke-sealing
- Surface: Natural wood veneer (Oak, Walnut, Teak, Maple), High-Pressure Decorative Laminate (HPL), or factory paint



Main parts and material

Door leaf facing	High-density fiberboard (HDF), MDF, exterior-grade plywood overlay, or High-Pressure Laminate (HPL), with solid hardwood lipping	Internal core	High-density mineral fire board
Door frame	Hollow metal frame (16 Ga / 1.5 mm galvanized steel) or fire-rated solid wood frame	Door opening direction	Refer to drawing above
Standard hardware	Hinge, door closer, smoke seal, panic push bar with lock, intumescent smoke seals	Optional accessories	Magnetic door holder, concealed drop-down bottom seals, and other fire-rated hardware

Available size

Construction	Opening type	Vision panel	Louver	Fire rated time	Dimension W x H (mm)	Ref. No.
Wood covered composite	Single	With, or not	With, or not	20 minutes	1200 X 2100	F9801
Wood covered composite	Single	With, or not	With, or not	20 minutes	1200 X 2400	F9802
Wood covered composite	Single	With, or not	With, or not	45 minutes	1200 X 2100	F9803
Wood covered composite	Single	With, or not	With, or not	45 minutes	1200 X 2400	F9804
Wood covered composite	Single	With, or not	With, or not	60 minutes	1200 X 2100	F9805
Wood covered composite	Single	With, or not	With, or not	60 minutes	1200 X 2400	F9806
Wood covered composite	Single	With, or not	With, or not	90 minutes	1200 X 2100	F9807
Wood covered composite	Single	With, or not	With, or not	90 minutes	1200 X 2400	F9808

Swinging-type wooden fire rated door

Available size

Construction	Opening type	Vision panel	Louver	Fire rated time	Dimension W x H (mm)	Ref. No.
Wood covered composite	Double	With, or not	With, or not	20 minutes	1200 X 2100	F9809
Wood covered composite	Double	With, or not	With, or not	20 minutes	1500 X 2100	F9810
Wood covered composite	Double	With, or not	With, or not	20 minutes	1800 X 2100	F9811
Wood covered composite	Double	With, or not	With, or not	20 minutes	1200 X 2400	F9812
Wood covered composite	Double	With, or not	With, or not	20 minutes	1500 X 2400	F9813
Wood covered composite	Double	With, or not	With, or not	20 minutes	1800 X 2400	F9814
Wood covered composite	Double	With, or not	With, or not	45 minutes	1200 X 2100	F9815
Wood covered composite	Double	With, or not	With, or not	45 minutes	1500 X 2100	F9816
Wood covered composite	Double	With, or not	With, or not	45 minutes	1800 X 2100	F9817
Wood covered composite	Double	With, or not	With, or not	45 minutes	1200 X 2400	F9818
Wood covered composite	Double	With, or not	With, or not	45 minutes	1500 X 2400	F9819
Wood covered composite	Double	With, or not	With, or not	45 minutes	1800 X 2400	F9820
Wood covered composite	Double	With, or not	With, or not	60 minutes	1200 X 2100	F9821
Wood covered composite	Double	With, or not	With, or not	60 minutes	1500 X 2100	F9822
Wood covered composite	Double	With, or not	With, or not	60 minutes	1800 X 2100	F9823
Wood covered composite	Double	With, or not	With, or not	60 minutes	1200 X 2400	F9824
Wood covered composite	Double	With, or not	With, or not	60 minutes	1500 X 2400	F9825
Wood covered composite	Double	With, or not	With, or not	60 minutes	1800 X 2400	F9826
Wood covered composite	Double	With, or not	With, or not	90 minutes	1200 X 2100	F9827
Wood covered composite	Double	With, or not	With, or not	90 minutes	1500 X 2100	F9828
Wood covered composite	Double	With, or not	With, or not	90 minutes	1800 X 2100	F9829
Wood covered composite	Double	With, or not	With, or not	90 minutes	1200 X 2400	F9830
Wood covered composite	Double	With, or not	With, or not	90 minutes	1500 X 2400	F9831
Wood covered composite	Double	With, or not	With, or not	90 minutes	1800 X 2400	F9832

Note:

- Other customized dimensions are also available. The max size of single door is 1219mm x 2438mm, and the max size of double door is 2438 x 2438 mm.
- For swing-type single door, the latching hardware includes cylindrical, mortise, rim exit.
- For swing-type double door, it includes opening at same direction and opposite direction. And the latching hardware includes concealed vertical rod exit, cylindrical, mortise, surface vertical rod exit.