

AF60-MO/VE NEUTRAL PRESSURE (5 PLY)

60 MINUTE FIRE-RESISTANT DOOR, AGRIFIBRE CORE

1 STILES: Special construction compliant with W/H label requirements High density mineral and untreated hardwood (minimum 1 3/8")

MO: Manufacturer's choice

VE: Covered with 1/32" (0.7938 mm) wood veneer, matched with faces

Bonded to core

2 TOP AND BOTTOM RAILS: Special construction compliant with W/H label requirements High density mineral (minimum 2") **Bonded to core**

3 CORE: Low combustibile agrifibre. Density of 34-38 lbs per cubic foot. **Neutral FSC (UFF)**

4 FACES: Wood veneer (choice of face veneers; 2 ply plywood), hardboard panel or plastic laminate glued to composite crossband

GLUE: Type 1 PVA Cross link (UFF)

MAXIMUM DIMENSIONS: 4' x 8' (single)

NOTE: Max 3/4" (19 mm) cut allowed at bottom of door upon installation (see NFPA 80)

INTERIOR USE

WARRANTY: LIFETIME

For technical information, please consult our "AF60 Technical Specification" sheet.

OPTIONS

Positive pressure available (PP)

| Hardware reinforcements

| Thickness up to 2"

| Wood veneer glued to veneer plywood (3 ply plywood)

** To get MR 70, specify FSC wood veneer faces

*** To get I E Q 4 4, specify UFF wood veneer faces

WARNING

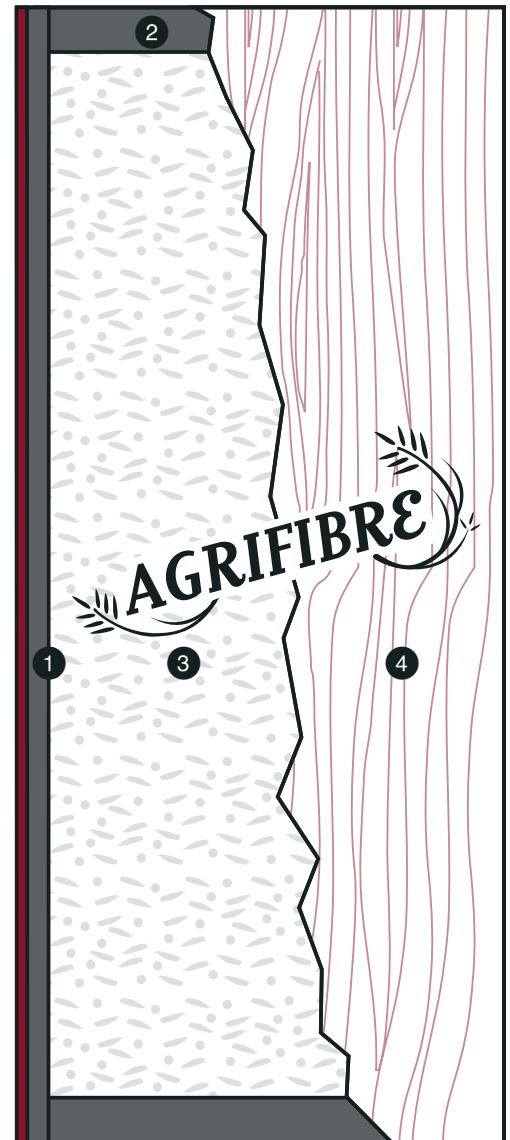
| Pre machining must be done in factory or by an authorized distributor in order to maintain our warranty and comply with W/H requirements (see NFPA 80)

| Certain applications may require hardware reinforcement

| Single doors only

NOTE

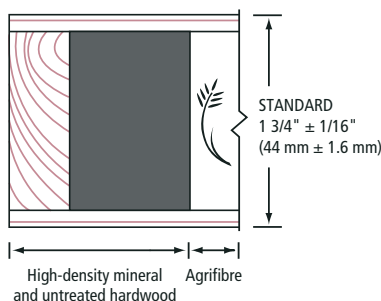
| Dimensions are nominal before trimming



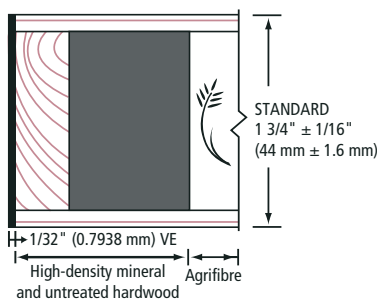
LEED ELIGIBLE CREDITS	4.1	4.2	M.R.		6.0	7.0	I.E.Q.
	✓	✓	5.1	5.2	✓	**	4.4 (UFF)

Standards meet or exceed:
AWS section 9, Octobre 1, 2009,
W.D.M.A. 1.S.1A 04 and
CSA 0132.2 90

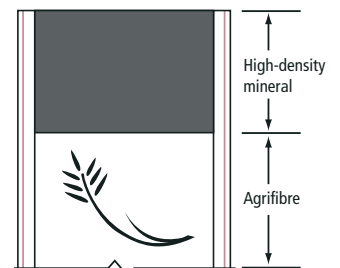
1 STILES MO



1 STILES VE



2 RAILS



60-MINUTE FIRE-RESISTANT AGRIFIBRE CORE DOOR

Machining Information | Maximum Door Sizes

DOOR TYPE	MAXIMUM SIZE
Simple - swing	4' x 8' (1219 mm x 2438 mm)
Simple - swing Dutch door	NOT ALLOWED
Pairs - conventional	NOT ALLOWED
Pairs - double egress	NOT ALLOWED
Door with transom, overall size of opening	NOT ALLOWED

Temperature rise: Maximum 250°F at 60 minutes, per UBC SBCC, BOCA and IBC. **Nominal door overall thickness: Up to 2" (51 mm).**

HARDWARE OPTIONS

Refer to Table 1 for construction requirements to accommodate specific hardware types. Installation must be in accordance with NFPA 80, Section 1-3.4. Only hardware listed and labelled for use with wood fire doors may be installed. Hardware not listed below must be approved, in writing, by Intertek Testing Services.

Internal blocking:

| High density composite mineral only.

Latches:

| Listed cylindrical or mortise (includes listed card type).
| Latches and deadbolts.

Hinges:

| Minimum 3 hinges as per the requirements of NFPA 80.
| Hinges must be 4 1/2" x 4" (112 mm x 100 mm).
| Steel ball bearing hinges must have a minimum thickness of 1/8" (3 mm).
| Listed spring hinges are permitted.

Bolts:

| Listed surface mount bolts.

Fire exit hardware:

| Surface mount panic hardware.
| Rim-type exit hardware.
| Mortise-type exit hardware.
| Install through-bolt hardware or internal blocking required.

Closer:

| Surface mount.
| Concealed closer.

Door bottoms:

| Surface mount.
| Listed mortise automatic door bottoms.
| Require 5" (127 mm) bottom rail.

Electric raceways:

| 2 Raceways maximum in a door may be cut in core. 3/8" x 3/8" (9 mm x 9 mm) maximum and 4" (102 mm) apart.

Viewers:

| Maximum of two viewers (listed only).

Lites:

| Not allowed.

Surface plates:

| 48" x 48" (1219 mm x 1219 mm) maximum.
| Fastened using screws or double-sided tape.
| Steel, stainless steel, PVC, aluminum, polycarbonate, brass, bronze or ABS.

Electric strikes:

| Listed electric strikes may be used. Maximum mortise 2" (51 mm) deep, 5" (127 mm) wide mineral stile is required.

Plant-on:

| Wood or urethane mouldings up to 2 1/2" (64 mm) wide, covering up to 20% of door surface area.
| Fastened using nails and/or adhesive.
| Individual mouldings shall be a minimum of 3 1/2" (89 mm) apart.
| Lay-on or applied mouldings are permitted.

Bevelling:

| Door edges may be at right angles to the face or include a bevel up to 1/2" (13 mm) in 2" (51 mm).
| The standard bevel is 1/8" (3 mm) in 2" (51 mm).

Note: Important to install all hardware in accordance with manufacturer's instructions.



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Table 1

HARDWARE TYPE	RATING	STILES OR RAILS	INTERNAL BLOCKING*	OTHER REQUIREMENTS
Single point latch	60	Standard	Optional	
Mortise lock/latch**	60	Standard	Required	Maximum 4"
Concealed closer	60	5" top rail	Not applicable	
Surface mount closer	All	2" top rail	Not applicable	Blocking required if closer mount below 2"
Viewer		Standard	Not applicable	2 maximum. Listed
Rim-type exit	All	Standard	Required	4" x 12" blocking at both sides of door
Surface panic	All	Standard	Required	4" x 12" blocking at both sides of door
Mortise door bottom	All	5" bottom rail	Not applicable	

*Blocking for closer optional for all hardware options. Through bolt may be used in place of blocking.

**Includes card operated, mortise-type exit hardware.

