

POSITIVE PRESSURE APPROVALS

Specifications calling for positive pressure doors or door systems are likely to increase over time. To aid you in responding to those needs, the following summarizes the positive pressure approvals that Algoma Hardwoods currently has.

Category A: No additional edge-sealing system is required. The intumescent is contained in the door itself.

20 minutes (UL and ITS/WHI):

- Single swing 4/0 x 8/0
- Pairs 8/0 x 8/0, standard swing and double egress
- S-Label for singles and pairs
- Hardware applications:
 - Manual or automatic flush bolts
 - Mortise or cylindrical locks
 - Rim exit device
 - Surface vertical rod (SVR)
 - No metal edges required on pairs
 - No treated edges required
 - No astragal required (except S-label)
- Lites – 1,296 in²
- Wood Frame 8/0 x 8/0

45 and 60 minutes (UL and ITS/WHI):

- Single swing 4/0 x 8/0
 - Mortise or cylindrical lock
 - Rim exit device
 - Surface vertical rod
- Pairs 8/0 x 8/0, standard swing
 - Manual or automatic flush bolts
 - Surface vertical rods (SVR), 4 point latch
 - SVR or flush bolt X mortise lock, 3 point latch
- S-Label for singles and pairs
- Additional hardware applications:
 - No metal edges required on pairs
 - No treated edges required
 - No astragal required (except S-label)
- Lites – 45 minutes – 1,296 in²
- 60 minutes – 100 in²

90 minutes (UL and ITS/WHI):

- Single swing 4/0 x 8/0
- S-Label
- Hardware applications:
 - Mortise or cylindrical locks
 - Rim exit device
 - SVR
- Lites – 100 in²

Category B: Additional edge-sealing system required. The intumescent is surface applied to either the frame or the appropriately rated neutral pressure door. NOTE: Algoma Hardwoods does not sell or supply intumescent.

Zero 20 Minutes Systems 820 and 850

Single swing	4/0 x 9/0
Pairs, standard swing	8/0 x 9/0

3M Graphite Intumescent Strip (GIS) 20 Minutes System

Single swing	4/0 x 8/0
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Pairs, standard swing	8/0 x 8/0
Lite kit	1,296 in ² , wood beaded lite

3M GIS+ 20 Minutes System
All of the above, plus S-Label.

<u>3M GIS 45 Minutes System</u>	
Single swing	4/0 x 8/0
Pairs, standard swing	8/0 x 8/0

3M GIS+ 45 Minutes System
All of the above, plus S-Label

For more information, please call Mr. Larry Grzemkowski at 800.678.8910, extension 153.



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