

# Architectural Fire Rated Wood Jambs and Lites





|  | Magna 20 Min   | Magna 45 Min                                     | Magna 60 Min                                     |
|--|--|--|--|
| <b>Single &amp; Double Rabbet<br/>Max. Size *</b>      | 4/0 x 9/0 Single<br>8/0 x 9/0 Pair   | 4/0 x 9/0 Single<br>8/0 x 9/0 Pair               | 4/0 x 9/0 Single<br>8/0 x 9/0 Pair               |
| <b>Split Jamb<br/>Max. Size*</b>                       | 4/0 x 8/0 Single   | 4/0 x 8/0 Single                                 | 4/0 x 9/0 Single<br>8/0 x 9/0 Pair               |
| <b>Plowed Jamb<br/>Max. Size*</b>                      | 4/0 x 9/0 Single<br>8/0 x 9/0 Pair   | 4/0 x 9/0 Single<br>8/0 x 9/0 Pair               | 4/0 x 9/0 Single<br>8/0 x 9/0 Pair               |
| <b>Fire Rating</b>                                     | Positive Pressure<br>ITS (Warnock Hersey)  | Positive Pressure<br>ITS (Warnock Hersey)        | Positive Pressure<br>ITS (Warnock Hersey)        |
| <b>Construction Material</b>                           | Composite & Wood Veneer<br>Loose Stop or Fixed   | Composite & Wood Veneer<br>Loose Stop or Fixed   | Composite & Wood Veneer<br>Loose Stop or Fixed   |
| <b>Min Frame Width</b>                                 | 4-1/2"<br>in wood, steel stud, masonry   | 4-1/2"<br>in wood, steel stud, masonry           | 4-1/2"<br>in wood, steel stud, masonry           |
| <b>Frame Intumescent<br/>Need dictated by door mfg</b> | None   | Cat A door - None<br>Cat B door - Concealed      | Cat A door - None<br>Cat B door - Concealed      |
| <b>Gasketing</b>                                       | Odice - Flexodice  | Odice - Flexodice                                | Odice - Flexodice                                |
| <b>Rough Opening</b>                                   | Standard - door width +2"<br>Door height +1-1/2"   | Standard - door width +2"<br>Door height +1-1/2" | Standard - door width +2"<br>Door height +1-1/2" |
| <b>Shim Space</b>                                      | No shims or back fill required   | No shims or back fill required                   | No shims or back fill required                   |
| <b>Jamb Angle Attachment</b>                           | Patent Pending **<br>Screws @ 9" o.c.  | Patent Pending **<br>Screws @ 9" o.c.            | Patent Pending **<br>Screws @ 9" o.c.            |
| <b>Casing</b>  | 3/8 x 1-1/2" Min.  | 3/8 x 1-1/2" Min.                                | 3/8 x 1-1/2" Min.                                |
| <b>Other</b>   | All hardware and preps to meet NFPA 80 requirements.<br>Hinges require 1 screw be replaced with 2" length to secure to stud. |  |  |

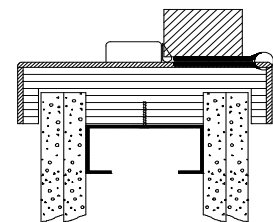
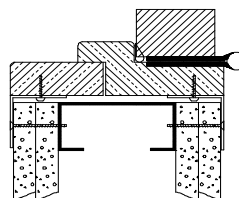
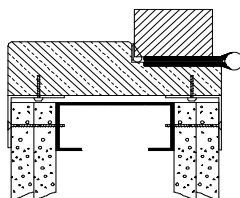
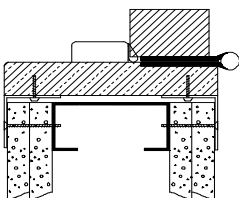
**\* See Section views to determine best fit for your application \*\* Angle bracket attachment is Patent Pending**

**Flat Jamb w/ Loose Stop**

**Single Rabbet**

**Split Jamb**

**Plowed Jamb**





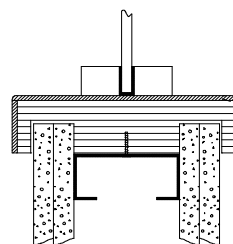
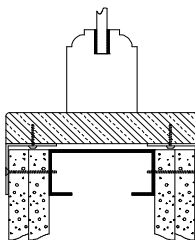
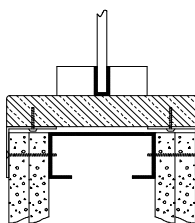
|  | <b>Magna 20 Min<br/>Side/Transom/Borrowed</b>  | <b>Magna 45 Min<br/>Sidelite/Transom</b>             | <b>Magna 45 Min<br/>Borrowed Lite</b>                |
|--|--|--|--|
| <b>Glazed Max. Size *</b>                    | 8/0 x 10/0<br>Max 4/0 x 8/0 door   | 6/0 x 10/0<br>Max 4/0 x 8/0 door                     | 6/0 x 10/0<br>Max Glass 24" x 77"                    |
| <b>Framed Max. Size*<br/>w/o hose-stream</b> | 8/0 x 10/0<br>Max 4/0 x 8/0 door   | NA   | NA   |
| <b>Plowed Glazed<br/>Max. Size*</b>          | 8/0 x 10/0<br>Max 4/0 x 8/0 door   | 6/0 x 10/0<br>Max 4/0 x 8/0 door                     | 6/0 x 10/0<br>Max Glass 24" x 77"                    |
| <b>Fire Rating</b>                           | Positive Pressure<br>ITS (Warnock Hersey)  | Positive Pressure<br>ITS (Warnock Hersey)            | Positive Pressure<br>ITS (Warnock Hersey)            |
| <b>Construction Material</b>                 | Composite & Wood Veneer<br>Comp. Stop/listed sealant   | Composite & Wood Veneer<br>Comp. Stop/listed sealant | Composite & Wood Veneer<br>Comp. Stop/listed sealant |
| <b>Min Frame Width</b>                       | 4-1/2"<br>in wood, steel stud, masonry   | 4-1/2"<br>in wood, steel stud, masonry               | 4-1/2"<br>in wood, steel stud, masonry               |
| <b>Frame Intumescent</b>                     | None   | None   | None   |
| <b>Gasketing</b>                             | Odice listed Glazing Caulk or<br>intumescent   | Odice listed Glazing Caulk or<br>intumescent         | Odice listed Glazing Caulk or<br>intumescent         |
| <b>Rough Opening Gap</b>                     | add 1" to frame size<br>1/2" gap around frame  | add 1" to frame size<br>1/2" gap around frame        | add 1" to frame size<br>1/2" gap around frame        |
| <b>Shim Space</b>                            | No shims or back fill required   | No shims or back fill required                       | No shims or back fill required                       |
| <b>Jamb Angle Attachment</b>                 | Patent Pending **<br>Screws @ 9" o.c.  | Patent Pending **<br>Screws @ 9" o.c.                | Patent Pending **<br>Screws @ 9" o.c.                |
| <b>Casing</b>                                | 3/8 x 1-1/2" Min.<br>none if plowed  | 3/8 x 1-1/2" Min.<br>none if plowed                  | 3/8 x 1-1/2" Min.<br>none if plowed                  |
| <b>Other</b>                                 | All hardware and preps to meet NFPA 80 requirements.<br>Hinges require 1 screw be replaced with 2" length to secure to stud. |  |  |

**\* See Section views to determine best fit for your application \*\* Angle bracket attachment is Patent Pending**

**Glazed Type**

**Framed Type e**

**Plowed Type**



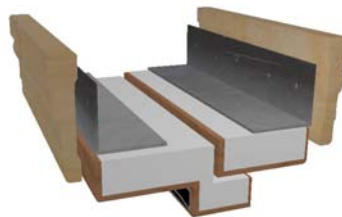
# Your Source for Fire Rated Frames & Lites

- Magna 20, 45, 60 minute Fire-Rated Wood Veneer Door frames.
- Magna 20 & 45 minute Sidelight, Transom, and Borrowed lights.
- Magna 90 minute fire-rated veneer frames (coming soon)
- AWI Premium Grade veneer frames
- Split jamb frames
- Plowed design available with integral casing
- Ability to install before or after drywall
- Available single rabbet, double rabbet, and loose stop.
- Custom matched veneer frames, jambs, casing and trim
- Color & grain matched or blueprint-matched to doors
- Shipped knocked-down for low cost shipping
- Patent Pending Mounting System, no additional caulking or filler.

***Standard Frame***



***Split Jamb***



***Plowed Jamb***



***Transom/Sidelight***



***Gasketing By***



***Tested to UL Fire Standards  
at Intertek (ITS) Warnock Hersey  
FSC Certified Wood Available***

