

**Lead Lined, 45 Minute Rated Mineral (LL FD7-45PP)  
Bonded Mineral Core, 7-Ply Construction, Cat. A, PP**

|                                  | Single Swing  | Pair or Double Egress   |
|----------------------------------|---|---|
| Core Type & Standards            | Mineral Composite: (28-35 lb/ft3)   |   |
| Maximum Sizes                    | 4'0" x 9'0"   | 8'0" x 9'0"<br>(Requires Lead Astragal)                                     |
| Protection Plates                | Up to 48" (above bottom of door)  |   |
| Door Thickness                   | 1-3/4" (+/- 1/16")  |   |
| Lead Thickness                   | 1/16" (4lb), Balanced Construction  |   |
| WDMA Prefit Tolerance            | Width: (+/- 1/32") Height & Thickness: (+/- 1/16")  |   |
| Weight                           | 1/16" Lead – 10.63lb/ft2 (3070 = 206lbs) (4070 = 277lbs)<br>1/8" Lead – 14.46lb/ft2 (3070 = 286lbs) (4070 = 385lbs) |   |
| Crossband                        | High Density FSC Fiberboard   |   |
| Blocking                         | (Standard) 5" top rail; 1" Bottom Rail; 1" Fixed Internal Stiles<br>(Additional blocking upon request)              |   |
| Assembly Adhesive                | Face: Type I (waterproof); Core: Type II (water-resistant)  |   |
| Replaceable Edge Stiles & Covers | Non-Replaceable SCL Stiles. Acrovyn and/or 20GA #4 finish Stainless Steel Replaceable Covers                        |   |
| Replaceable Edge Profile         | Beveled, Square   |   |
| Lites                            | 6" from edges, 5" from hardware or additional cutouts   |   |
| Max Visible Glass Area           | 1296 in2  |   |
| Lite Frames                      | Metal Lead Lined– Painted, Wood Veneered  |   |
| Glazing                          | Any appropriate lead equivalency<br>Any listed & labeled (45 min or greater)  |   |
| Louvers                          | Not Available   |   |
| Electronic Options               | Electronic hardware & raceways available  |   |
| Hinges                           | Per NFPA 80 "Table 6.4.3.1"   |   |
| Points of Latching               | Singles = 1 pt  | Pairs = 3pts (2pts w/GP Blue Core)<br>DE Pairs = 4pts (2pts w/GP Blue Core) |
| Pivots                           | Offset w/ Intermediate (Center hung – Not Available)  |   |
| Locks                            | Mortise & Cylindrical   |   |
| Exit Devices                     | Surface Vertical Rod (Includes LBR), RIM & Mortised   |   |
| Concealed Vertical Rod           | Not Available   |   |
| Flushbolts                       | Must Be Extension Type (Metal Door)   |   |
| Closing Devices                  | Mortised or Surface Mounted (Mortised will affect lead)   |   |
| Door Bottoms                     | Mortised or Surface Mounted (Mortised will affect lead)   |   |
| Transoms                         | Not Available   |   |

